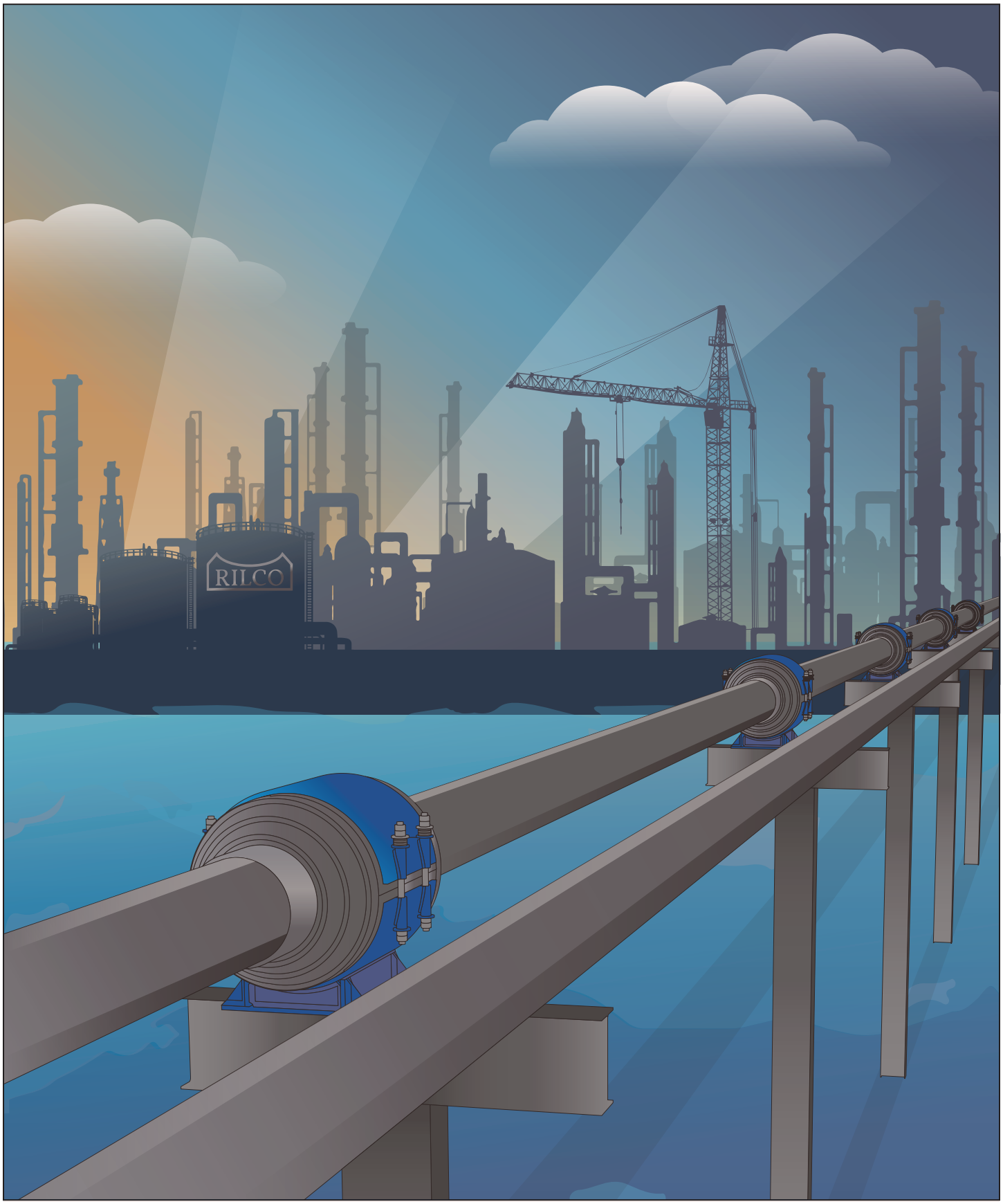


RILCO

CALCIUM SILICATE & POLYURETHANE
SUPPORTS

(713) • 466 • 4777
www.rilco.com

12700 Tanner Rd.
Houston, Texas 77041

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PRODUCT OVERVIEW

Calcium Silicate & Polyurethane Insulated Pipe Supports

Engineered Pipe Supports for Critical Piping Systems

For over 50 years, Rilco Manufacturing has been a trusted name in the design and fabrication of calcium silicate and polyurethane pipe supports. Our products are engineered to do two things at once: thermally protect piping systems and provide the structural support needed to keep them safe, efficient, and code-compliant over the long term.

Rilco's pipe supports are built to perform in the industries that can least afford failure. From LNG terminals handling cryogenic temperatures, to petrochemical processing units operating under extreme heat and pressure, to the high-purity process cooling systems inside semiconductor fabrication plants, to the mission-critical chilled water loops cooling today's data centers — and the heated and chilled water systems serving commercial buildings and college campuses — Rilco supports are relied upon to protect piping insulation, prevent thermal bridging, and carry structural loads without compromising system integrity.

Why Engineers Specify Rilco:

Five Decades of Proven Performance - A track record built on reliability across some of the most demanding industrial, institutional, and high-tech environments.

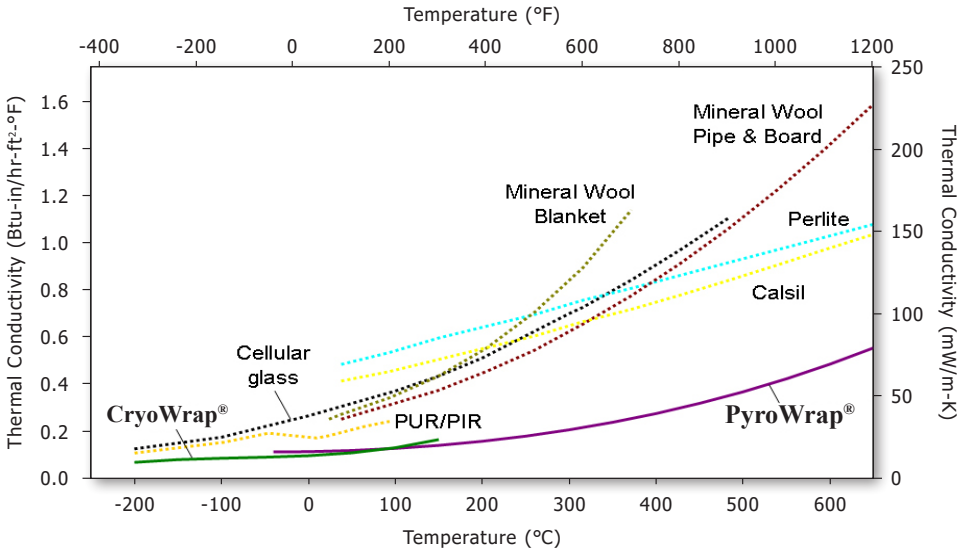
Material Expertise - Calcium silicate and polyurethane products engineered for a wide range of temperature applications, from cryogenic to high-heat.

Application Versatility - Solutions tailored for LNG, petrochemical, semiconductor/chip manufacturing, data center, and commercial/institutional HVAC piping systems.

Thermal and Structural Integration - Products designed to eliminate thermal bridging while providing the load-bearing capacity piping systems require.

Built for Uptime-Critical Environments - Support solutions that help protect the process cooling and chilled water systems where downtime is not an option.

Whether supporting a pipeline at an LNG terminal, a processing unit in a petrochemical facility, a cooling loop in a semiconductor fab, a chilled water system in a data center, or piping beneath a university campus, Rilco Manufacturing delivers pipe support solutions engineered for performance, durability, and peace of mind.



ABOUT RILCO



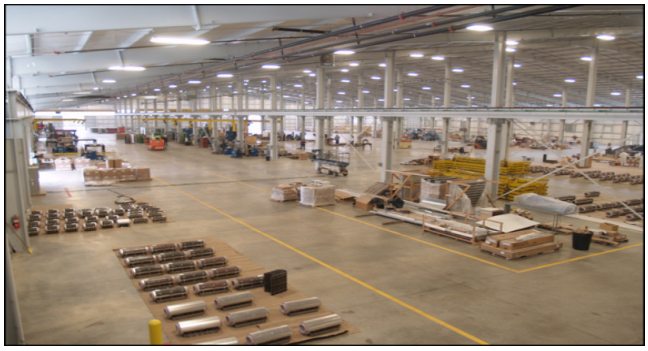
Rilco Manufacturing Company is a world leader in the development of pipe support systems and components. Our company began as a small pipe insulation facility in 1972 and has experienced exponential growth due to the high quality of our products, consistency of on-time deliveries, and the innovative designs of our engineering department.

We pride ourselves on the fact that our manufacturing processes begin in the shop with raw materials and remain in our production facilities all the way to the finished product. This process allows us to customize virtually all of our products to fit your project needs.

OUR MISSION

Exceed Customer Expectations. Meaning, we will continuously look to improve our processes and strive to be regarded as the most dependable international designer and manufacturer of the highest quality pipe support systems and consistently maintain on-time deliveries for all of our clients projects!





Contact us to request your quote!!! (713) 466-4777

STANDARDS & SPECIFICATIONS

QUALITY SYSTEMS

- ISO 9001:2015

DESIGN & MANUFACTURING

AISC	Steel Construction Manual
API 5L	Specification for Line Pipe
ASME B31.1	Power Piping
ASME B31.3	Process Piping
ASME SEC IX	Welding, Brazing, and Fusing Qualifications
ASTM A123-2015	Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
ASTM A153-2016	Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware
ASTM A700-2014	Standard Guide for Packaging, Marking, and Loading Methods for Steel Products for Shipment
ASTM B633-2013	Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel
ASTM B695-2000	Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel
ASTM C165-1991	Standard Test Method for Measuring Compressive Properties of Thermal Insulations
ASTM C303-1990	Standard Test Method for Dimensions and Density of Preformed Block and Board-Type Thermal Insulation
ASTM E337-2007	Standard Test Method for Measuring Humidity with a Psychrometer
AWS D1.1-2015	Structural Welding Code - Steel
AWS D1.6-2015	Structural Welding Code - Stainless Steel
CWB CSA W47.1	Certification of Companies for Fusion Welding of Steel
CWB CSA W59	Welded Steel Construction (Metal Arc Welding)
ISPM 15-2009	International Plant Protection Convention (IPPC)-International Standards for Phytosanitary Measures (ISPM)
MSS SP-58-2009	Pipe Hangers and Supports - Materials, Design, Manufacture, Selection, Application, and Installation
SSPC-SP COM-2009	Surface Preparation Commentary for Steel and Concrete Substrates
JIS H 8641-2007	Hot Dip Galvanized Coatings

DISCLAIMER

ALL products included in this catalog are intended for installation and service only as described or specified herein.

RILCO cannot be held responsible for injuries to persons or property damage caused by misapplication or improper use of any products in its catalogs used in ways or for purposes other than for which said in products have been designed and manufactured. Some examples of misuse are: use of hanger products as erection tools; use of beam clamps pm beams for which they were not specified; use of concrete inserts as anchors for pulling pipe to proper elevation and suspension of one clevis hanger under another, resulting in a cumulative load greater than the specified support capability.

RILCO products are carefully designed and manufactured in accordance with the approvals and/or codes referenced above. Care should be exercised by installers and end users to install, use and maintain these products properly to avoid any possible on-the-job accidents.

All designed products are subject to change without notice.

USA & Thailand Facilities

400.8K	250	92
Total Sq Ft	**USA Employees**	**Thailand Employees**
Global manufacturing space across USA and Thailand	Rilco Manufacturing, Houston	Rilco (Thailand) Company Limited

MANUFACTURING FACILITY 1- Operations in Houston Since 1972

Rilco's original and flagship facility in Houston, Texas has been the backbone of American pipe support manufacturing for over five decades. This 120,000 sq ft production floor houses advanced fabrication equipment, overhead cranes, and a highly experienced workforce capable of producing the full range of Rilco pipe support products.

Facility Size- 120,000 sq ft of active manufacturing and assembly floor space

Location Address- 12700 Tanner Road, Houston, TX 77041

Factory Identification- Factory #1 - 12700 Tanner Rd., Houston, TX 77041

MANUFACTURING FACILITY 2- Operations in Thailand Since 2017

Rilco's Thailand facility in the Bangplee Industrial Estate serves as the company's primary manufacturing hub for Asia-Pacific region clients. Strategically located within a major industrial zone near Bangkok, Factory #2 provides efficient logistics access and a skilled workforce supporting regional project delivery.

Facility Size- 40,000 sq ft of active pipe support manufacturing capacity

Location Address- No. 148, Moo 17, Soi Bangplee Industrial Estate 5/1, Bang Sao Thong, Samutprakarn District

Factory Identification- Factory #2 - Bang Sao Thong, Samutprakarn District

USA & Thailand Facilities

MANUFACTURING FACILITY 3- New Houston Facility (2026)

Rilco's most ambitious expansion to date, Factory #3 on Irvington Boulevard will be the company's largest production facility worldwide at 200,000 sq ft. This new state-of-the-art plant significantly expands Rilco's USA manufacturing capacity, positioning the company to serve large-scale LNG, petrochemical, and energy transition projects with faster lead times and greater production depth.

Facility Size- 200,000 sq ft - Rilco's single largest production facility globally

Location Address- 18411 Irvington Boulevard, Houston, TX 77026

Factory Identification- Factory #3 - Irvington Boulevard, Houston

MANUFACTURING FACILITY 4- New Thailand Facility (2026)

To meet growing Asia-Pacific demand, Rilco is commissioning a fourth manufacturing facility in Samut Prakarn Province, Thailand. Factory #4 on Soi Winner adds 40,800 sq ft of additional regional capacity, complementing Factory #2 operations and enabling faster project delivery for clients across Southeast Asia and beyond.

Facility Size- 40,800 sq ft of new manufacturing and assembly space

Location Address- 105/2 Soi Winner, Bang Sao Thong Subdistrict
Bang Sao Thong District
Samut Prakarn Province 10540
Thailand

Factory Identification- Factory #4 - Soi Winner, Samut Prakarn Province

PRODUCT GUIDE

PRE-INSULATED COLD TEMPERATURE PIPE SUPPORTS

- Traditional Polyurethane Pipe Supports
- FOAMGLAS® Pipe Supports
- Isolation Blocks & Additional Components
- Insul-Guides









PRE-INSULATED HOT TEMPERATURE PIPE SUPPORTS

- Calcium Silicate/Chilled Water Pipe Supports
- FOAMGLAS® Pipe Supports
- Perlite Pipe Supports
- Mineral Wood Pipe Supports

HOT & COLD AEROGEL INSULATED PIPE SUPPORTS

- CryoWrap® - Cold
- PyroWrap® - Hot

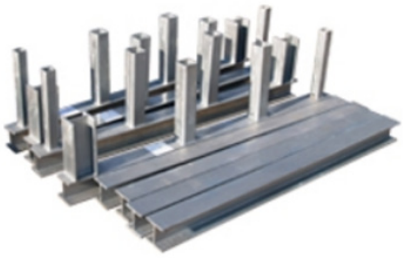
* CryoWrap® and PyroWrap® are both patents of Rilco Manufacturing Inc.





STRUCTURAL FABRICATION

- Clevis Hangers
- Structural Supports
- Hold Downs
- Instrument Stands
- Beam Attachments
- Un-Insulated Pipe Shoes
- Pipe Stands
- Embeds









ENGINEERED PIPE SUPPORTS

- RILCO Cam Roller Constants
- Variable Spring Supports & Hangers
- Constant Spring Supports & Hangers
- Big Ton Springs





VIBRATION CONTROL/HYDRAULIC

- Sway Strut Assembly
- Sway Brace
- Hydraulic Snubbers

FIELD SERVICES

Rilco Manufacturing Now Offering Field Services

Rilco provides top of the line field services to our customers around the world. With extensive experience in evaluating pipe support applications and installations, you can rest assured that your pipe supports will be properly installed and thoroughly inspected by our team.

If you have a planned shutdown that will require additional assistance with pipe support installation/maintenance, or if you need a repair or replacement service performed, please do not hesitate to contact us for your field service needs. Rilco Manufacturing provides high quality pipe support solutions that are guaranteed to perform.

We also offer training on installation and maintenance of pipe supports if you would like us to travel to your job site to teach your team.

Please e-mail us at info@rilco.com







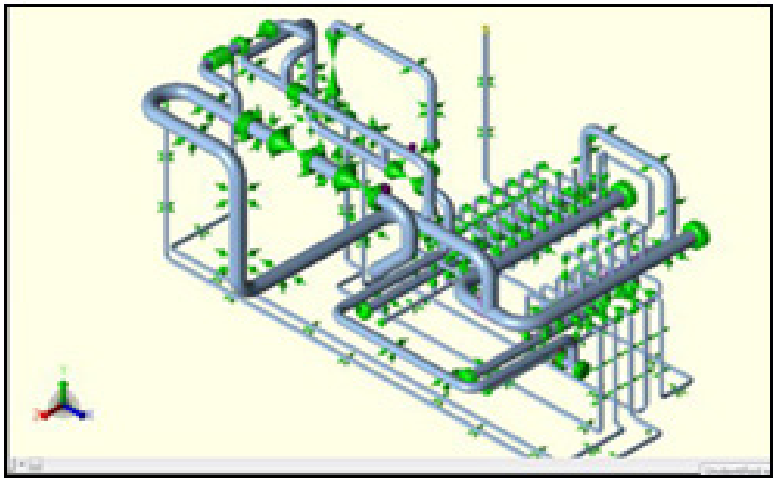


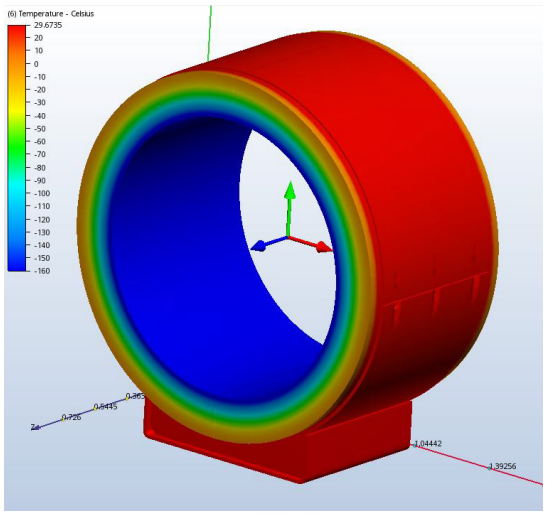
Complimentary On-Site Installation Demo with Order!!!

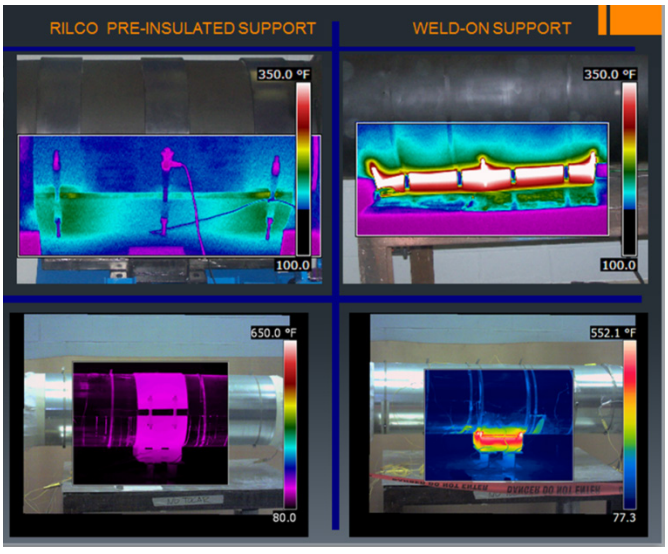
ENGINEERING SERVICES

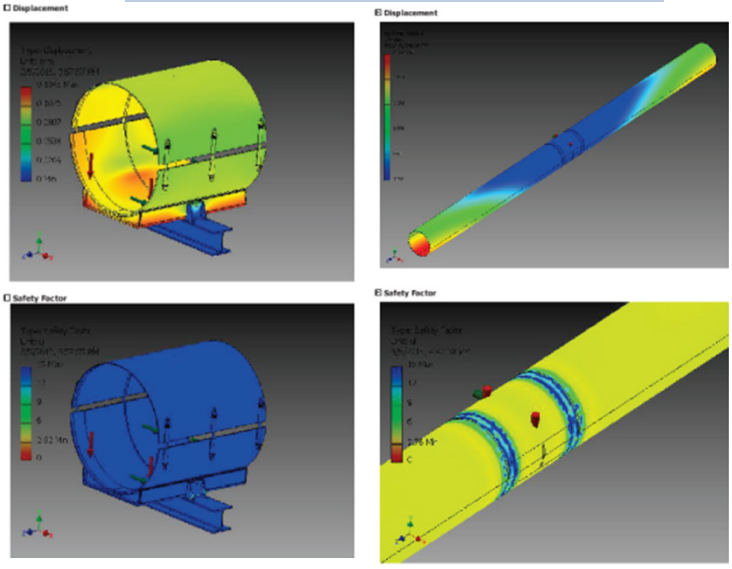
Our engineering department is staffed with experienced professionals who have over 100 years combined experience in the design of pipe supports who can ensure that the business goals of our clients are met in a safe, timely, and cost-effective manner. These professionals are capable of working with any type of pipe support client whether it's a grassroots construction project or a revamp and upgrade project.

- Engineering Support
- Research & Design
- Finite Element Analysis
- HAZOP/HAZID/SIL
- Surge Analysis
- Pipe Stress Analysis
- CFD Analysis
- Process Design/Audits
- Feasibility Report Prep
- Sizing Calculations
- Static Stress Analysis
- Dynamic Stress Analysis
- 3D Modeling of Pipe Supports
- Analysis of Steam Lines
- Support Troubleshooting









RESEARCH & DEVELOPMENT

With innovation as one of our top priorities we employ a research and development team that keeps Rilco at the forefront of pipe support technology. Our in-house testing equipment has allows us to continuously experiment with new materials and technologies and enables our R&D team to vet out each product from idea conceptualization to production.

Research Includes:

- Physical Load Testing
- Low Temperature Testing of Polyurethane & CryroWrap® (Cold Service Aerogel) Insulated Pipe Supports
- High Temperature Testing of Calcium Silicate & PyroWrap® (Hot Service Aerogel) Insulated Pipe Supports
- Low Temperature Coil Spring Cyclic Testing
- Belleville Washer Fatigue Testing



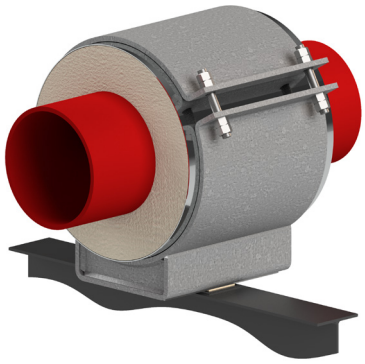




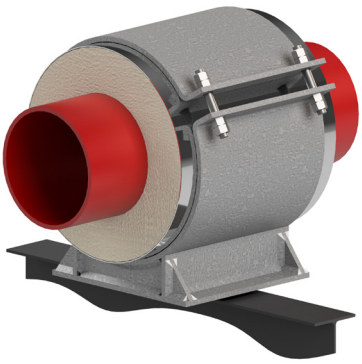


Bent Ear Calcium Silicate Supports

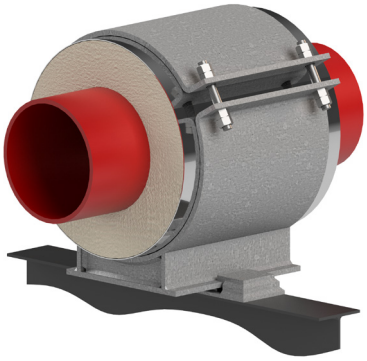
Calcium Silicate Bent Ear Overview



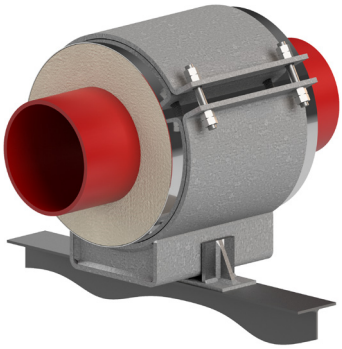
Calcium Silicate
Resting



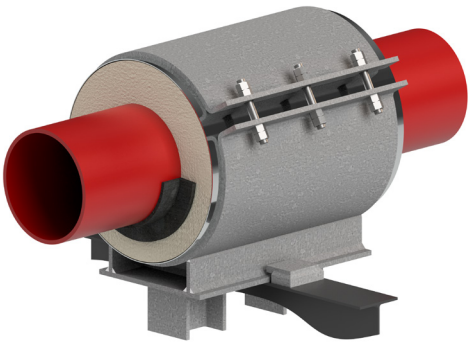
Calcium Silicate
High Lateral Travel



Calcium Silicate Vertically
Restrained Guided



Calcium Silicate
Guided



Calcium Silicate
Anchor

IMPERIAL

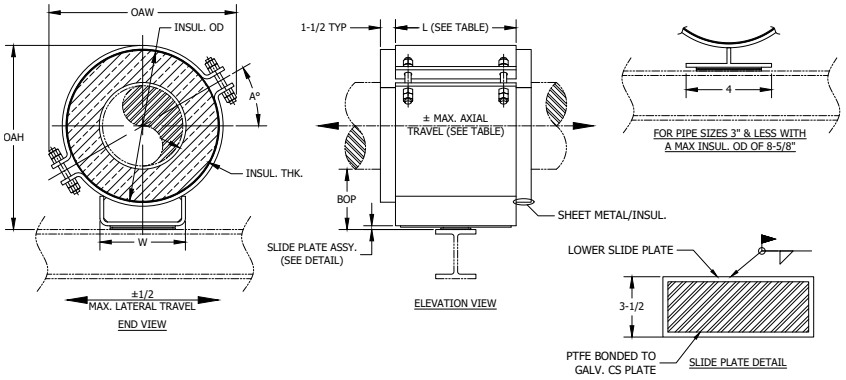
Calcium Silicate Resting

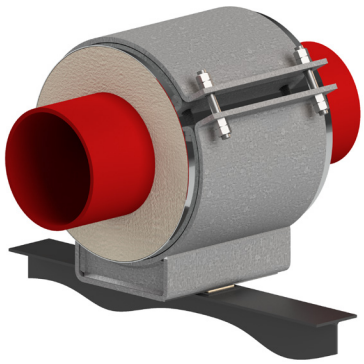
LEGACY DESIGNATION:
HS-1000; HS-1100; HS-1200; HS-1300;
HS-2000; HS-2100; HS-2200; HS-2300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load
HSCS -	8 x	3 -	6 -	12 -	1700

Hot **S**lide **C**alcium **S**ilicate





*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

Applications & Features:

- Accommodates axial travel up to 9" if shoe is offset from supporting steel
- Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Teflon® slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 Steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Support features water-resistant calcium silicate insulation with high density marinite structural inserts
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (±½ in Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			1"				1-1/2"				2"				2-1/2"				3"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	100	250	4	2.875	6	6.5	4	4	7	7	4	5	8	7.5	4	6.625	9	8.5	6	7.625	10	11
3/4"	112	280	4	2.875	6	6.5	4	4	7	7	4	5	8	7.5	4	6.625	9	8.5	6	7.625	10	11
1"	160	400	4	3.5	6.5	7	4	4.5	7.5	7.5	4	5.563	8	8	4	6.625	9	8.5	6	7.625	10	11
1-1/2"	240	600	4	4	7	7.5	4	5	8	8	4	6.625	9	9	4	7.625	10	9.5	6	8.625	11	12
2"	300	750	4	4.5	7.5	8	4	5.563	8	8.5	4	6.625	9	9	4	7.625	10	9.5	6	8.625	11	12
2-1/2"	360	900	4	5	8	8.5	4	6.625	9	9.5	4	7.625	10	10	4	8.625	11	10.5	6	9.625	12	13
3"	530	2120	4	5.56	8	9	4	6.625	9	9.5	4	7.625	10	10	4	8.625	11	10.5	6	9.625	12	13
4"	840	3360	4	6.625	9	10	4	7.625	10	10.5	4	8.625	11	11	4	9.625	12	11.5	6	10.75	12.5	14
6"	1275	5100	4	8.625	12	12	4	9.625	12.5	12.5	4	10.75	13.5	13.5	4	11.75	14.5	14	6	12.75	15.5	16.5
8"	1700	6800	4	10.75	13.5	14.5	4	11.75	14.5	15	4	12.75	15.5	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	2000	8000	4	12.75	15.5	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18	20	6	17	19	20.5
12"	2200	8800	4	15	17.5	18.5	4	16	18	19	4	17	19	19.5	6	18	20	22	6	19	20.5	22.5
14"	2500	10000	4	16	18	19.5	4	17	19	20	4	18	20	20.5	6	19	20.5	23	6	20	21.5	23.5
16"	2900	11600	4	18	20	21.5	4	19	21	22	6	20	22	24.5	6	21	23	25	6	22	23.5	25.5
18"	3200	12800	4	20	22	23.5	4	21	23	24	6	22	23.5	26.5	6	23	24.5	27	6	24	25.5	27.5
20"	3400	13600	4	22	23.5	25.5	4	23	24.5	26	6	24	25.5	28.5	6	25	26.5	29	6	26	27	29.5
24"	3600	14440	4	26	29.5	30	4	27	30.5	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	4700	18800	4	32	34.5	36	6	33	35.5	38.5	6	34	36.5	39	6	35	37.5	39.5	6	36	38	40
36"	5500	22000	4	38	40	42	6	39	40.5	44.5	6	40	41.5	45	6	41	42.5	45.5	6	42	43.5	46
42"	6200	24800	4	44	45.5	48	6	45	46.5	50.5	6	46	47.5	51	6	47	48.5	51.5	6	48	49.5	52
48"	7100	28400	4	50	51.5	54	6	51	52.5	56.5	6	52	53.5	57	6	53	54.5	57.5	6	54	55.5	58

Calcium Silicate Resting

LEGACY DESIGNATION:
HS-1000; HS-1100; HS-1200; HS-1300;
HS-2000; HS-2100; HS-2200; HS-2300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load
HSCS -	8 x	3 -	6 -	12 -	1700

Hot **S**lide **C**alcium **S**ilicate

IMPERIAL

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			3-1/2"				4"				4-1/2"				5"				5-1/2"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	100	250	6	8.625	11	11.5	6	9.625	12	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	112	280	6	8.625	11	11.5	6	9.625	12	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	160	400	6	8.625	11	11.5	6	9.625	12	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	240	600	6	9.625	12	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	15.5	16.5
2"	300	750	6	9.625	12	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	15.5	16.5
2-1/2"	360	900	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	15.5	17	8	15	16.5	17.5
3"	530	2120	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	15.5	17.5	8	15	16.5	18
4"	840	3360	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	15.5	16	8	15	16.5	18.5	8	16	17.5	19
6"	1275	5100	6	14	16.5	17	6	15	17.5	17.5	6	16	18	18	8	17	19	20.5	8	18	20	21
8"	1700	6800	6	16	18	19	6	17	19	19.5	8	18	20	22	8	19	20.5	22.5	8	20	21.5	23
10"	2000	8000	6	18	20	21	6	19	20.5	21.5	8	20	21.5	24	8	21	22.5	24.5	8	22	23.5	25
12"	2200	8800	6	20	21.5	23	6	21	22.5	23.5	8	22	23.5	26	8	23	24	26.5	8	24	25	27
14"	2500	10000	6	21	22.5	24	6	22	23.5	24.5	8	23	24	27	8	24	25	27.5	8	25	26	28
16"	2900	11600	6	23	24.5	26	8	24	25.5	28.5	8	25	26.5	29	8	26	27	29.5	8	27	28	30
18"	3200	12800	6	25	26.5	28	8	26	27	30.5	8	27	28	31	8	28	29	31.5	8	29	30	32
20"	3400	13600	6	27	28	30	8	28	29	32.5	8	29	30	33	8	30	31	33.5	8	31	32	34
24"	3600	14440	6	31	34	34.5	8	32	34.5	37	8	33	35.5	37.5	8	34	36.5	38	8	35	37.5	38.5
30"	4700	18800	8	37	39	42.5	8	38	40	43	8	39	40.5	43.5	8	40	41.5	44	10	41	42.5	46.5
36"	5500	22000	8	43	44.5	48.5	8	44	45.5	49	8	45	46.5	49.5	8	46	47.5	50	10	47	48.5	52.5
42"	6200	24800	8	49	50.5	54.5	8	50	51.5	55	8	51	52.5	55.5	8	52	53.5	56	10	53	54.5	58.5
48"	7100	28400	8	55	56.5	60.5	8	56	57.5	61	8	57	58.5	61.5	8	58	59.5	62	10	59	60.5	64.5

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																			
			6"				6-1/2"				7"				7-1/2"				8"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	100	250	8	14	15.5	16	8	15	16.5	16.5	10	16	17.5	19	10	17	18	19.5	10	18	19	20
3/4"	112	280	8	14	15.5	16	8	15	16.5	16.5	10	16	17.5	19	10	17	18	19.5	10	18	19	20
1"	160	400	8	14	15.5	16	8	15	16.5	16.5	10	16	17.5	19	10	17	18	19.5	10	18	19	20
1-1/2"	240	600	8	15	16.5	17	8	16	17.5	17.5	10	17	18	20	10	18	19	20.5	10	19	20	21
2"	300	750	8	15	16.5	17	8	16	17.5	17.5	10	17	18	20	10	18	19	20.5	10	19	20	21
2-1/2"	360	900	8	16	17.5	18	8	17	18	18.5	10	18	19	21	10	19	20	21.5	10	20	20.5	22
3"	530	2120	8	16	17.5	18.5	8	17	18	19	10	18	19	21.5	10	19	20	22	10	20	20.5	22.5
4"	840	3360	8	17	18	19.5	8	18	19	20	10	19	20	22.5	10	20	20.5	23	10	21	21.5	23.5
6"	1275	5100	8	19	20.5	21.5	8	20	21.5	22	10	21	22.5	24.5	10	22	23.5	25	10	23	24	25.5
8"	1700	6800	8	21	22.5	23.5	10	22	23.5	26	10	23	24	26.5	10	24	25	27	10	25	26	27.5
10"	2000	8000	8	23	24	25.5	10	24	25	28	10	25	26	28.5	10	26	27	29	10	27	28	29.5
12"	2200	8800	8	25	26	27.5	10	26	27	30	10	27	28	30.5	10	28	29	31	10	29	30	31.5
14"	2500	10000	8	26	27	28.5	10	27	28	31	10	28	29	31.5	10	29	30	32	10	30	31	32.5
16"	2900	11600	10	28	29	32.5	10	29	30	33	10	30	31	33.5	10	31	32	34	12	32	33	36.5
18"	3200	12800	10	30	31	34.5	10	31	32	35	10	32	33	35.5	10	33	34	36	12	34	35	38.5
20"	3400	13600	10	32	33	36.5	10	33	34	37	10	34	35	37.5	10	35	36	38	12	36	37	40.5
24"	3600	14440	10	36	38	41	10	37	39	41.5	10	38	40	42	10	39	40.5	42.5	12	40	41.5	45
30"	4700	18800	10	42	43.5	47	10	43	44.5	47.5	10	44	45.5	48	12	45	46.5	50.5	12	46	47.5	51
36"	5500	22000	10	48	49.5	53	10	49	50.5	53.5	10	50	51.5	54	12	51	52.5	56.5	12	52	53.5	57
42"	6200	24800	10	54	55.5	59	10	55	56.5	59.5	10	56	57.5	60	12	57	58.5	62.5	12	58	59.5	63
48"	7100	28400	10	60	61.5	65	10	61	62.5	65.5	10	62	63.5	66	12	63	64.5	68.5	12	64	65.5	69

IMPERIAL

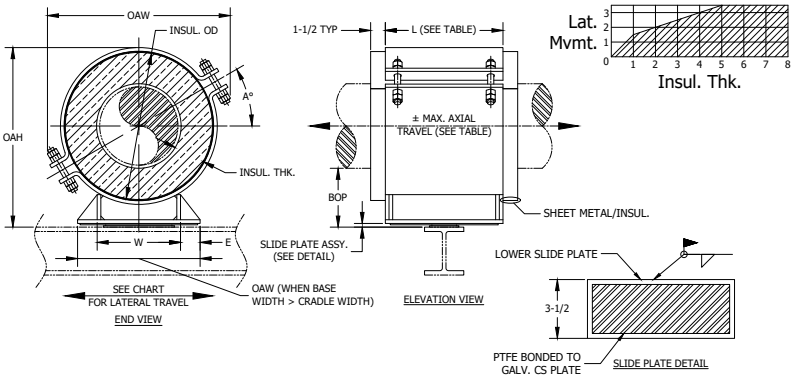
Calcium Silicate High Lateral Travel

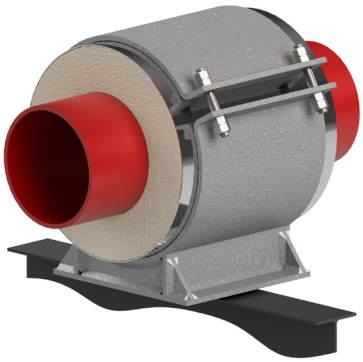
LEGACY DESIGNATION:
HS-5000; HS-5100; HS-5200; HS-5300;
HS-6000; HS-6100; HS-6200; HS-6300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load
HS(H)CS -	8 x	3 -	6 -	12 -	1700

Hot **S**lide (**H**igh Lateral Travel) **C**alcium **S**ilicate





*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

Applications & Features:

- Accommodates axial travel up to 9" if shoe is offset from supporting steel
- Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Teflon® slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 Steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Support features water-resistant calcium silicate insulation with high density marinite structural inserts
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (See Chart) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			1"				1-1/2"				2"				2-1/2"				3"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	100	250	4	2.875	6.5	6.5	4	4	7	7	4	5	8.5	7.5	4	6.625	9	8.5	6	7.625	10.5	11
3/4"	112	280	4	2.875	6.5	6.5	4	4	7	7	4	5	8.5	7.5	4	6.625	9	8.5	6	7.625	10.5	11
1"	160	400	4	3.5	6.5	7	4	4.5	7.5	7.5	4	5.563	8.5	8	4	6.625	9	8.5	6	7.625	10.5	11
1-1/2"	240	600	4	4	7	7.5	4	5	8	8	4	6.625	9	9	4	7.625	10	9.5	6	8.625	11	12
2"	300	750	4	4.5	7.5	8	4	5.563	8	8.5	4	6.625	9	9	4	7.625	10	9.5	6	8.625	11	12
2-1/2"	360	900	4	5	8	8.5	4	6.625	9	9.5	4	7.625	10	10	4	8.625	11	10.5	6	9.625	12	13
3"	530	2120	4	5.56	8	9	4	6.625	9	9.5	4	7.625	10	10	4	8.625	11	10.5	6	9.625	12	13
4"	840	3360	4	6.625	9	10	4	7.625	10	10.5	4	8.625	11	11	4	9.625	12	11.5	6	10.75	12.5	14
6"	1275	5100	4	8.625	12	12	4	9.625	12.5	12.5	4	10.75	13.5	13.5	4	11.75	14.5	14	6	12.75	15.5	16.5
8"	1700	6800	4	10.75	13.5	14.5	4	11.75	14.5	15	4	12.75	15.5	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	2000	8000	4	12.75	15.5	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18	20	6	17	19	20.5
12"	2200	8800	4	15	17.5	18.5	4	16	18	19	4	17	19	19.5	6	18	20	22	6	19	20.5	22.5
14"	2500	10000	4	16	18	19.5	4	17	19	20	4	18	20	20.5	6	19	20.5	23	6	20	21.5	23.5
16"	2900	11600	4	18	20	21.5	4	19	21	22	6	20	22	24.5	6	21	23	25	6	22	23.5	25.5
18"	3200	12800	4	20	22	23.5	4	21	23	24	6	22	23.5	26.5	6	23	24.5	27	6	24	25.5	27.5
20"	3400	13600	4	22	23.5	25.5	4	23	24.5	26	6	24	25.5	28.5	6	25	26.5	29	6	26	27	29.5
24"	3600	14440	4	26	29.5	30	4	27	30.5	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	4700	18800	4	32	34.5	36	6	33	35.5	38.5	6	34	36.5	39	6	35	37.5	39.5	6	36	38	40
36"	5500	22000	4	38	40	42	6	39	40.5	44.5	6	40	41.5	45	6	41	42.5	45.5	6	42	43.5	46
42"	6200	24800	4	44	45.5	48	6	45	46.5	50.5	6	46	47.5	51	6	47	48.5	51.5	6	48	49.5	52
48"	7100	28400	4	50	51.5	54	6	51	52.5	56.5	6	52	53.5	57	6	53	54.5	57.5	6	54	55.5	58

Calcium Silicate High Lateral Travel

LEGACY DESIGNATION:
HS-5000; HS-5100; HS-5200; HS-5300;
HS-6000; HS-6100; HS-6200; HS-6300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load
HS(H)CS -	8 x	3 -	6 -	12 -	1700

Hot **S**lide (**H**igh Lateral Travel) **C**alcium **S**ilicate

IMPERIAL

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			3-1/2"				4"				4-1/2"				5"				5-1/2"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	100	250	6	8.625	11	11.5	6	9.625	12.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	112	280	6	8.625	11	11.5	6	9.625	12.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	160	400	6	8.625	11	11.5	6	9.625	12.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	240	600	6	9.625	12	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	15.5	16.5
2"	300	750	6	9.625	12	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	15.5	16.5
2-1/2"	360	900	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	15.5	17	8	15	16.5	17.5
3"	530	2120	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	15.5	17.5	8	15	16.5	18
4"	840	3360	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	15.5	16	8	15	16.5	18.5	8	16	17.5	19
6"	1275	5100	6	14	16.5	17	6	15	17.5	17.5	6	16	18	18	8	17	19	20.5	8	18	20	21
8"	1700	6800	6	16	18	19	6	17	19	19.5	8	18	20	22	8	19	20.5	22.5	8	20	21.5	23
10"	2000	8000	6	18	20	21	6	19	20.5	21.5	8	20	21.5	24	8	21	22.5	24.5	8	22	23.5	25
12"	2200	8800	6	20	21.5	23	6	21	22.5	23.5	8	22	23.5	26	8	23	24	26.5	8	24	25	27
14"	2500	10000	6	21	22.5	24	6	22	23.5	24.5	8	23	24	27	8	24	25	27.5	8	25	26	28
16"	2900	11600	6	23	24.5	26	8	24	25.5	28.5	8	25	26.5	29	8	26	27	29.5	8	27	28	30
18"	3200	12800	6	25	26.5	28	8	26	27	30.5	8	27	28	31	8	28	29	31.5	8	29	30	32
20"	3400	13600	6	27	28	30	8	28	29	32.5	8	29	30	33	8	30	31	33.5	8	31	32	34
24"	3600	14440	6	31	34	34.5	8	32	34.5	37	8	33	35.5	37.5	8	34	36.5	38	8	35	37.5	38.5
30"	4700	18800	8	37	39	42.5	8	38	40	43	8	39	40.5	43.5	8	40	41.5	44	10	41	42.5	46.5
36"	5500	22000	8	43	44.5	48.5	8	44	45.5	49	8	45	46.5	49.5	8	46	47.5	50	10	47	48.5	52.5
42"	6200	24800	8	49	50.5	54.5	8	50	51.5	55	8	51	52.5	55.5	8	52	53.5	56	10	53	54.5	58.5
48"	7100	28400	8	55	56.5	60.5	8	56	57.5	61	8	57	58.5	61.5	8	58	59.5	62	10	59	60.5	64.5

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			6"				6-1/2"				7"				7-1/2"				8"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	100	250	8	14	15.5	16	8	15	16.5	16.5	10	16	17.5	19	10	17	18	19.5	10	18	19	20
3/4"	112	280	8	14	15.5	16	8	15	16.5	16.5	10	16	17.5	19	10	17	18	19.5	10	18	19	20
1"	160	400	8	14	15.5	16	8	15	16.5	16.5	10	16	17.5	19	10	17	18	19.5	10	18	19	20
1-1/2"	240	600	8	15	16.5	17	8	16	17.5	17.5	10	17	18	20	10	18	19	20.5	10	19	20	21
2"	300	750	8	15	16.5	17	8	16	17.5	17.5	10	17	18	20	10	18	19	20.5	10	19	20	21
2-1/2"	360	900	8	16	17.5	18	8	17	18	18.5	10	18	19	21	10	19	20	21.5	10	20	20.5	22
3"	530	2120	8	16	17.5	18.5	8	17	18	19	10	18	19	21.5	10	19	20	22	10	20	20.5	22.5
4"	840	3360	8	17	18	19.5	8	18	19	20	10	19	20	22.5	10	20	20.5	23	10	21	21.5	23.5
6"	1275	5100	8	19	20.5	21.5	8	20	21.5	22	10	21	22.5	24.5	10	22	23.5	25	10	23	24	25.5
8"	1700	6800	8	21	22.5	23.5	10	22	23.5	26	10	23	24	26.5	10	24	25	27	10	25	26	27.5
10"	2000	8000	8	23	24	25.5	10	24	25	28	10	25	26	28.5	10	26	27	29	10	27	28	29.5
12"	2200	8800	8	25	26	27.5	10	26	27	30	10	27	28	30.5	10	28	29	31	10	29	30	31.5
14"	2500	10000	8	26	27	28.5	10	27	28	31	10	28	29	31.5	10	29	30	32	10	30	31	32.5
16"	2900	11600	10	28	29	32.5	10	29	30	33	10	30	31	33.5	10	31	32	34	12	32	33	36.5
18"	3200	12800	10	30	31	34.5	10	31	32	35	10	32	33	35.5	10	33	34	36	12	34	35	38.5
20"	3400	13600	10	32	33	36.5	10	33	34	37	10	34	35	37.5	10	35	36	38	12	36	37	40.5
24"	3600	14440	10	36	38	41	10	37	39	41.5	10	38	40	42	10	39	40.5	42.5	12	40	41.5	45
30"	4700	18800	10	42	43.5	47	10	43	44.5	47.5	10	44	45.5	48	12	45	46.5	50.5	12	46	47.5	51
36"	5500	22000	10	48	49.5	53	10	49	50.5	53.5	10	50	51.5	54	12	51	52.5	56.5	12	52	53.5	57
42"	6200	24800	10	54	55.5	59	10	55	56.5	59.5	10	56	57.5	60	12	57	58.5	62.5	12	58	59.5	63
48"	7100	28400	10	60	61.5	65	10	61	62.5	65.5	10	62	63.5	66	12	63	64.5	68.5	12	64	65.5	69

IMPERIAL

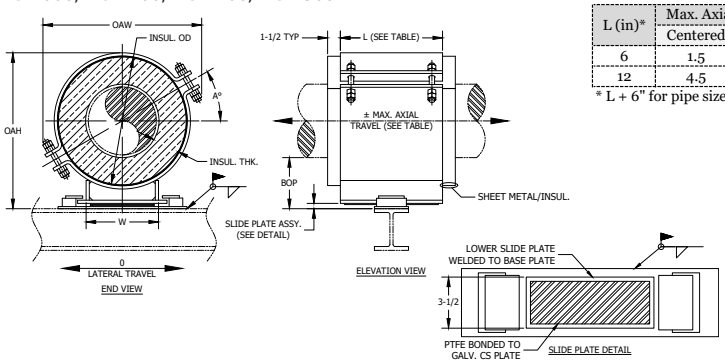
Calcium Silicate Vertically Restrained Guided

LEGACY DESIGNATION:
HG-3000; HG-3100; HG-3200; HG-3300;
HG-4000; HG-4100; HG-4200; HG-4300

DESIGNATION EXAMPLE

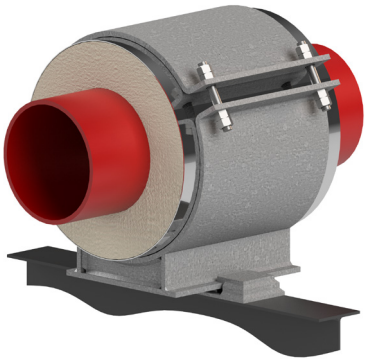
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
HGCS	8	3	6	12	1700	595

Hot **G**uide **C**alcium **S**ilicate



L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"



*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Accommodates axial travel up to 9" if shoe is offset from supporting steel
- Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Teflon® slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 Steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Support features water-resistant calcium silicate insulation with high density marinite structural inserts
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±⅛ in Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	**LOW** LOAD OPTION		**HIGH** LOAD OPTION		INSULATION THICKNESS																			
					1"				1-1/2"				2"				2-1/2"				3"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	100	35	250	90	4	2.875	6	6.5	4	4	7	7	4	5	8	7.5	4	6.625	9	8.5	6	7.625	10	11
3/4"	112	40	280	100	4	2.875	6	6.5	4	4	7	7	4	5	8	7.5	4	6.625	9	8.5	6	7.625	10	11
1"	160	60	400	140	4	3.5	6.5	7	4	4.5	7.5	7.5	4	5.563	8	8	4	6.625	9	8.5	6	7.625	10	11
1-1/2"	240	85	600	210	4	4	7	7.5	4	5	8	8	4	6.625	9	9	4	7.625	10	9.5	6	8.625	11	12
2"	300	105	750	265	4	4.5	7.5	8	4	5.563	8	8.5	4	6.625	9	9	4	7.625	10	9.5	6	8.625	11	12
2-1/2"	360	130	900	315	4	5	8	8.5	4	6.625	9	9.5	4	7.625	10	10	4	8.625	11	10.5	6	9.625	12	13
3"	530	190	2120	745	4	5.56	8	9	4	6.625	9	9.5	4	7.625	10	10	4	8.625	11	10.5	6	9.625	12	13
4"	840	295	3360	1180	4	6.625	9	10	4	7.625	10	10.5	4	8.625	11	11	4	9.625	12	11.5	6	10.75	12.5	14
6"	1275	450	5100	1785	4	8.625	12	12	4	9.625	12.5	12.5	4	10.75	13.5	13.5	4	11.75	14.5	14	6	12.75	15.5	16.5
8"	1700	595	6800	2380	4	10.75	13.5	14.5	4	11.75	14.5	15	4	12.75	15.5	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	2000	700	8000	2800	4	12.75	15.5	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18	20	6	17	19	20.5
12"	2200	770	8800	3080	4	15	17.5	18.5	4	16	18	19	4	17	19	19.5	6	18	20	22	6	19	20.5	22.5
14"	2500	875	10000	3500	4	16	18	19.5	4	17	19	20	4	18	20	20.5	6	19	20.5	23	6	20	21.5	23.5
16"	2900	1015	11600	4060	4	18	20	21.5	4	19	21	22	6	20	22	24.5	6	21	23	25	6	22	23.5	25.5
18"	3200	1120	12800	4480	4	20	22	23.5	4	21	23	24	6	22	23.5	26.5	6	23	24.5	27	6	24	25.5	27.5
20"	3400	1190	13600	4760	4	22	23.5	25.5	4	23	24.5	26	6	24	25.5	28.5	6	25	26.5	29	6	26	27	29.5
24"	3600	1260	14440	5055	4	26	29.5	30	4	27	30.5	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	4700	1645	18800	6580	4	32	34.5	36	6	33	35.5	38.5	6	34	36.5	39	6	35	37.5	39.5	6	36	38	40
36"	5500	1925	22000	7700	4	38	40	42	6	39	40.5	44.5	6	40	41.5	45	6	41	42.5	45.5	6	42	43.5	46
42"	6200	2170	24800	8680	4	44	45.5	48	6	45	46.5	50.5	6	46	47.5	51	6	47	48.5	51.5	6	48	49.5	52
48"	7100	2485	28400	9940	4	50	51.5	54	6	51	52.5	56.5	6	52	53.5	57	6	53	54.5	57.5	6	54	55.5	58
56"	8300	2905	33100	11585	4	58	59.5	62	6	59	60.5	64.5	6	60	61.5	65	6	61	62.5	65.5	6	62	63.5	66
60"	8900	3115	35500	12425	4	62	63.5	66	6	63	64.5	68.5	6	64	65.5	69	6	65	66.5	69.5	6	66	67.5	70
66"	9800	3430	39000	13650	4	68	69.5	71	6	69	70.5	73.5	6	70	71.5	74	6	71	72.5	74.5	6	72	73.5	75
72"	10700	3745	42600	14910	4	74	75.5	78	6	75	76.5	80.5	6	76	77.5	81	6	77	78.5	81.5	6	78	79.5	82

Calcium Silicate Vertically Restrained Guided

LEGACY DESIGNATION:
HG-3000; HG-3100; HG-3200; HG-3300;
HG-4000; HG-4100; HG-4200; HG-4300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
HGCS	8	3	6	12	1700	595

Hot **G**uide **C**alcium **S**ilicate

IMPERIAL

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					3-1/2"				4"				4-1/2"				5"				5-1/2"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	100	35	250	90	6	8.625	11	11.5	6	9.625	12	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	112	40	280	100	6	8.625	11	11.5	6	9.625	12	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	160	60	400	140	6	8.625	11	11.5	6	9.625	12	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	240	85	600	210	6	9.625	12	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	15.5	16.5
2"	300	105	750	265	6	9.625	12	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	15.5	16.5
2-1/2"	360	130	900	315	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	15.5	17	8	15	16.5	17.5
3"	530	190	2120	745	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	15.5	17.5	8	15	16.5	18
4"	840	295	3360	1180	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	15.5	16	8	15	16.5	18.5	8	16	17.5	19
6"	1275	450	5100	1785	6	14	16.5	17	6	15	17.5	17.5	6	16	18	18	8	17	19	20.5	8	18	20	21
8"	1700	595	6800	2380	6	16	18	19	6	17	19	19.5	8	18	20	22	8	19	20.5	22.5	8	20	21.5	23
10"	2000	700	8000	2800	6	18	20	21	6	19	20.5	21.5	8	20	21.5	24	8	21	22.5	24.5	8	22	23.5	25
12"	2200	770	8800	3080	6	20	21.5	23	6	21	22.5	23.5	8	22	23.5	26	8	23	24	26.5	8	24	25	27
14"	2500	875	10000	3500	6	21	22.5	24	6	22	23.5	24.5	8	23	24	27	8	24	25	27.5	8	25	26	28
16"	2900	1015	11600	4060	6	23	24.5	26	8	24	25.5	28.5	8	25	26.5	29	8	26	27	29.5	8	27	28	30
18"	3200	1120	12800	4480	6	25	26.5	28	8	26	27	30.5	8	27	28	31	8	28	29	31.5	8	29	30	32
20"	3400	1190	13600	4760	6	27	28	30	8	28	29	32.5	8	29	30	33	8	30	31	33.5	8	31	32	34
24"	3600	1260	14440	5055	6	31	34	34.5	8	32	34.5	37	8	33	35.5	37.5	8	34	36.5	38	8	35	37.5	38.5
30"	4700	1645	18800	6580	8	37	39	42.5	8	38	40	43	8	39	40.5	43.5	8	40	41.5	44	10	41	42.5	46.5
36"	5500	1925	22000	7700	8	43	44.5	48.5	8	44	45.5	49	8	45	46.5	49.5	8	46	47.5	50	10	47	48.5	52.5
42"	6200	2170	24800	8680	8	49	50.5	54.5	8	50	51.5	55	8	51	52.5	55.5	8	52	53.5	56	10	53	54.5	58.5
48"	7100	2485	28400	9940	8	55	56.5	60.5	8	56	57.5	61	8	57	58.5	61.5	8	58	59.5	62	10	59	60.5	64.5
56"	8300	2905	33100	11585	8	63	64.5	68.5	8	64	65.5	69	8	65	66.5	69.5	8	66	67.5	70	10	67	68.5	72.5
60"	8900	3115	35500	12425	8	67	68.5	72.5	8	68	69.5	73	8	69	70.5	73.5	8	70	71.5	74	10	71	72.5	76.5
66"	9800	3430	39000	13650	8	73	74.5	77.5	8	74	75.5	78	8	75	76.5	78.5	8	76	77.5	79	10	77	78.5	81.5
72"	10700	3745	42600	14910	8	79	80.5	84.5	8	80	81.5	85	8	81	82.5	85.5	8	82	83.5	86	10	83	84.5	88.5

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					6"				6-1/2"				7"				7-1/2"				8"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	100	35	250	90	8	14	15.5	16	8	15	16.5	16.5	10	16	17.5	19	10	17	18	19.5	10	18	19	20
3/4"	112	40	280	100	8	14	15.5	16	8	15	16.5	16.5	10	16	17.5	19	10	17	18	19.5	10	18	19	20
1"	160	60	400	140	8	14	15.5	16	8	15	16.5	16.5	10	16	17.5	19	10	17	18	19.5	10	18	19	20
1-1/2"	240	85	600	210	8	15	16.5	17	8	16	17.5	17.5	10	17	18	20	10	18	19	20.5	10	19	20	21
2"	300	105	750	265	8	15	16.5	17	8	16	17.5	17.5	10	17	18	20	10	18	19	20.5	10	19	20	21
2-1/2"	360	130	900	315	8	16	17.5	18	8	17	18	18.5	10	18	19	21	10	19	20	21.5	10	20	20.5	22
3"	530	190	2120	745	8	16	17.5	18.5	8	17	18	19	10	18	19	21.5	10	19	20	22	10	20	20.5	22.5
4"	840	295	3360	1180	8	17	18	19.5	8	18	19	20	10	19	20	22.5	10	20	20.5	23	10	21	21.5	23.5
6"	1275	450	5100	1785	8	19	20.5	21.5	8	20	21.5	22	10	21	22.5	24.5	10	22	23.5	25	10	23	24	25.5
8"	1700	595	6800	2380	8	21	22.5	23.5	10	22	23.5	26	10	23	24	26.5	10	24	25	27	10	25	26	27.5
10"	2000	700	8000	2800	8	23	24	25.5	10	24	25	28	10	25	26	28.5	10	26	27	29	10	27	28	29.5
12"	2200	770	8800	3080	8	25	26	27.5	10	26	27	30	10	27	28	30.5	10	28	29	31	10	29	30	31.5
14"	2500	875	10000	3500	8	26	27	28.5	10	27	28	31	10	28	29	31.5	10	29	30	32	10	30	31	32.5
16"	2900	1015	11600	4060	10	28	29	32.5	10	29	30	33	10	30	31	33.5	10	31	32	34	12	32	33	36.5
18"	3200	1120	12800	4480	10	30	31	34.5	10	31	32	35	10	32	33	35.5	10	33	34	36	12	34	35	38.5
20"	3400	1190	13600	4760	10	32	33	36.5	10	33	34	37	10	34	35	37.5	10	35	36	38	12	36	37	40.5
24"	3600	1260	14440	5055	10	36	38	41	10	37	39	41.5	10	38	40	42	10	39	40.5	42.5	12	40	41.5	45
30"	4700	1645	18800	6580	10	42	43.5	47	10	43	44.5	47.5	10	44	45.5	48	12	45	46.5	50.5	12	46	47.5	51
36"	5500	1925	22000	7700	10	48	49.5	53	10	49	50.5	53.5	10	50	51.5	54	12	51	52.5	56.5	12	52	53.5	57
42"	6200	2170	24800	8680	10	54	55.5	59	10	55	56.5	59.5	10	56	57.5	60	12	57	58.5	62.5	12	58	59.5	63
48"	7100	2485	28400	9940	10	60	61.5	65	10	61	62.5	65.5	10	62	63.5	66	12	63	64.5	68.5	12	64	65.5	69
56"	8300	2905	33100	11585	10	68	69.5	73	10	69	70.5	73.5	10	70	71.5	74	12	71	72.5	76.5	12	72	73.5	77
60"	8900	3115	35500	12425	10	72	73.5	77	10	73	74.5	77.5	10	74	75.5	78	12	75	76.5	80.5	12	76	77.5	81
66"	9800	3430	39000	13650	10	78	79.5	82	10	79	80.5	82.5	10	80	81.5	83	12	81	82.5	85.5	12	82	83.5	86
72"	10700	3745	42600	14910	10	84	85.5	89	10	85	86.5	89.5	10	86	87.5	90	12	87	88.5	92.5	12	88	89.5	93

IMPERIAL

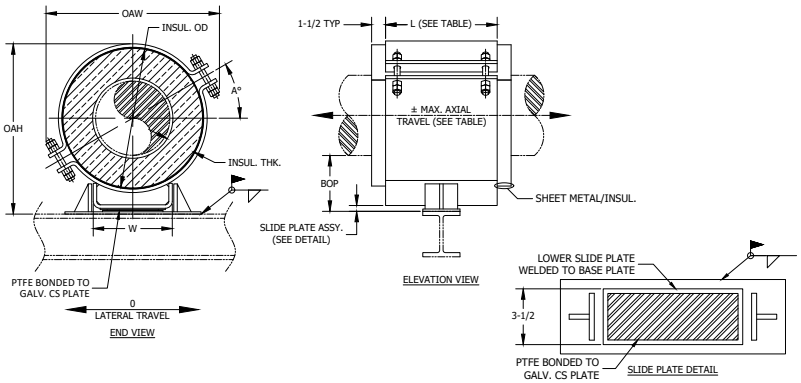
Calcium Silicate Guided

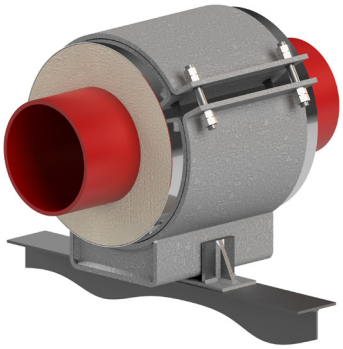
LEGACY DESIGNATION:
HG-7000; HG-7100; HG-7200; HG-7300;
HG-8000; HG-8100; HG-8200; HG-8300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
HG(L)CS -	8 x	3 -	6 -	12 -	1700 -	850

Hot **G**uide (**L**aterally Restrained) **C**alcium **S**ilicate





*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Accommodates axial travel up to 9" if shoe is offset from supporting steel
- Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Teflon® slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 Steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Support features water-resistant calcium silicate insulation with high density marinite structural inserts
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±⅛ in Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					1"				1-1/2"				2"				2-1/2"				3"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-1/2"	240	120	600	300	4	4	7	7.5	4	5	8	8	4	6.625	9	9	4	7.625	10	9.5	6	8.625	11	12
2"	300	150	750	375	4	4.5	7.5	8	4	5.563	8	8.5	4	6.625	9	9	4	7.625	10	9.5	6	8.625	11	12
2-1/2"	360	180	900	450	4	5	8	8.5	4	6.625	9	9.5	4	7.625	10	10	4	8.625	11	10.5	6	9.625	12	13
3"	530	265	2120	1060	4	5.56	8	9	4	6.625	9	9.5	4	7.625	10	10	4	8.625	11	10.5	6	9.625	12	13
4"	840	420	3360	1680	4	6.625	9	10	4	7.625	10	10.5	4	8.625	11	11	4	9.625	12	11.5	6	10.75	12.5	14
6"	1275	640	5100	2550	4	8.625	12	12	4	9.625	12.5	12.5	4	10.75	13.5	13.5	4	11.75	14.5	14	6	12.75	15.5	16.5
8"	1700	850	6800	3400	4	10.75	13.5	14.5	4	11.75	14.5	15	4	12.75	15.5	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	2000	1000	8000	4000	4	12.75	16.5	16.5	4	14	17.5	17	4	15	18	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2200	1100	8800	4400	4	15	18	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20	22	6	19	20.5	22.5
14"	2500	1250	10000	5000	4	16	18.5	19.5	4	17	19.5	20	4	18	20	20.5	6	19	20.5	23	6	20	21.5	23.5
16"	2900	1450	11600	5800	4	18	20	21.5	4	19	21	22	6	20	22	24.5	6	21	23	25	6	22	23.5	25.5
18"	3200	1600	12800	6400	4	20	22	23.5	4	21	23	24	6	22	23.5	26.5	6	23	24.5	27	6	24	25.5	27.5
20"	3400	1700	13600	6800	4	22	23.5	25.5	4	23	24.5	26	6	24	25.5	28.5	6	25	26.5	29	6	26	27	29.5
24"	3600	1800	14440	7220	4	26	29.5	30	4	27	30.5	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	4700	2350	18800	9400	4	32	34.5	36	6	33	35.5	38.5	6	34	36.5	39	6	35	37.5	39.5	6	36	38	40
36"	5500	2750	22000	11000	4	38	40	42	6	39	40.5	44.5	6	40	41.5	45	6	41	42.5	45.5	6	42	43.5	46
42"	6200	3100	24800	12400	4	44	45.5	48	6	45	46.5	50.5	6	46	47.5	51	6	47	48.5	51.5	6	48	49.5	52
48"	7100	3550	28400	14200	4	50	51.5	54	6	51	52.5	56.5	6	52	53.5	57	6	53	54.5	57.5	6	54	55.5	58
56"	8300	4150	33100	16550	4	58	59.5	62	6	59	60.5	64.5	6	60	61.5	65	6	61	62.5	65.5	6	62	63.5	66
60"	8900	4450	35500	17750	4	62	63.5	66	6	63	64.5	68.5	6	64	65.5	69	6	65	66.5	69.5	6	66	67.5	70
66"	9800	4900	39000	19500	4	68	69.5	71	6	69	70.5	73.5	6	70	71.5	74	6	71	72.5	74.5	6	72	73.5	75
72"	10700	5350	42600	21300	4	74	75.5	78	6	75	76.5	80.5	6	76	77.5	81	6	77	78.5	81.5	6	78	79.5	82

Calcium Silicate Guided

LEGACY DESIGNATION:
HG-7000; HG-7100; HG-7200; HG-7300;
HG-8000; HG-8100; HG-8200; HG-8300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
HG(L)CS	- 8 x	3	- 6	- 12	- 1700	- 850

Hot **G**uide (**L**aterally Restrained) **C**alcium **S**ilicate

IMPERIAL

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					3-1/2"				4"				4-1/2"				5"				5-1/2"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-1/2"	240	120	600	300	6	9.625	12	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	15.5	16.5
2"	300	150	750	375	6	9.625	12	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	15.5	16.5
2-1/2"	360	180	900	450	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	15.5	17	8	15	16.5	17.5
3"	530	265	2120	1060	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	15.5	17.5	8	15	16.5	18
4"	840	420	3360	1680	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	15.5	16	8	15	16.5	18.5	8	16	17.5	19
6"	1275	640	5100	2550	6	14	16.5	17	6	15	17.5	17.5	6	16	18	18	8	17	19	20.5	8	18	20	21
8"	1700	850	6800	3400	6	16	18	19	6	17	19	19.5	8	18	20	22	8	19	20.5	22.5	8	20	21.5	23
10"	2000	1000	8000	4000	6	18	20	21	6	19	20.5	21.5	8	20	21.5	24	8	21	22.5	24.5	8	22	23.5	25
12"	2200	1100	8800	4400	6	20	21.5	23	6	21	22.5	23.5	8	22	23.5	26	8	23	24	26.5	8	24	25	27
14"	2500	1250	10000	5000	6	21	22.5	24	6	22	23.5	24.5	8	23	24	27	8	24	25	27.5	8	25	26	28
16"	2900	1450	11600	5800	6	23	24.5	26	8	24	25.5	28.5	8	25	26.5	29	8	26	27	29.5	8	27	28	30
18"	3200	1600	12800	6400	6	25	26.5	28	8	26	27	30.5	8	27	28	31	8	28	29	31.5	8	29	30	32
20"	3400	1700	13600	6800	6	27	28	30	8	28	29	32.5	8	29	30	33	8	30	31	33.5	8	31	32	34
24"	3600	1800	14440	7220	6	31	34	34.5	8	32	34.5	37	8	33	35.5	37.5	8	34	36.5	38	8	35	37.5	38.5
30"	4700	2350	18800	9400	8	37	39	42.5	8	38	40	43	8	39	40.5	43.5	8	40	41.5	44	10	41	42.5	46.5
36"	5500	2750	22000	11000	8	43	44.5	48.5	8	44	45.5	49	8	45	46.5	49.5	8	46	47.5	50	10	47	48.5	52.5
42"	6200	3100	24800	12400	8	49	50.5	54.5	8	50	51.5	55	8	51	52.5	55.5	8	52	53.5	56	10	53	54.5	58.5
48"	7100	3550	28400	14200	8	55	56.5	60.5	8	56	57.5	61	8	57	58.5	61.5	8	58	59.5	62	10	59	60.5	64.5
56"	8300	4150	33100	16550	8	63	64.5	68.5	8	64	65.5	69	8	65	66.5	69.5	8	66	67.5	70	10	67	68.5	72.5
60"	8900	4450	35500	17750	8	67	68.5	72.5	8	68	69.5	73	8	69	70.5	73.5	8	70	71.5	74	10	71	72.5	76.5
66"	9800	4900	39000	19500	8	73	74.5	77.5	8	74	75.5	78	8	75	76.5	78.5	8	76	77.5	79	10	77	78.5	81.5
72"	10700	5350	42600	21300	8	79	80.5	84.5	8	80	81.5	85	8	81	82.5	85.5	8	82	83.5	86	10	83	84.5	88.5

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					6"				6-1/2"				7"				7-1/2"				8"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-1/2"	240	120	600	300	8	15	16.5	17	8	16	17.5	17.5	10	17	18	20	10	18	19	20.5	10	19	20	21
2"	300	150	750	375	8	15	16.5	17	8	16	17.5	17.5	10	17	18	20	10	18	19	20.5	10	19	20	21
2-1/2"	360	180	900	450	8	16	17.5	18	8	17	18	18.5	10	18	19	21	10	19	20	21.5	10	20	20.5	22
3"	530	265	2120	1060	8	16	17.5	18.5	8	17	18	19	10	18	19	21.5	10	19	20	22	10	20	20.5	22.5
4"	840	420	3360	1680	8	17	18	19.5	8	18	19	20	10	19	20	22.5	10	20	20.5	23	10	21	21.5	23.5
6"	1275	640	5100	2550	8	19	20.5	21.5	8	20	21.5	22	10	21	22.5	24.5	10	22	23.5	25	10	23	24	25.5
8"	1700	850	6800	3400	8	21	22.5	23.5	10	22	23.5	26	10	23	24	26.5	10	24	25	27	10	25	26	27.5
10"	2000	1000	8000	4000	8	23	24	25.5	10	24	25	28	10	25	26	28.5	10	26	27	29	10	27	28	29.5
12"	2200	1100	8800	4400	8	25	26	27.5	10	26	27	30	10	27	28	30.5	10	28	29	31	10	29	30	31.5
14"	2500	1250	10000	5000	8	26	27	28.5	10	27	28	31	10	28	29	31.5	10	29	30	32	10	30	31	32.5
16"	2900	1450	11600	5800	10	28	29	32.5	10	29	30	33	10	30	31	33.5	10	31	32	34	12	32	33	36.5
18"	3200	1600	12800	6400	10	30	31	34.5	10	31	32	35	10	32	33	35.5	10	33	34	36	12	34	35	38.5
20"	3400	1700	13600	6800	10	32	33	36.5	10	33	34	37	10	34	35	37.5	10	35	36	38	12	36	37	40.5
24"	3600	1800	14440	7220	10	36	38	41	10	37	39	41.5	10	38	40	42	10	39	40.5	42.5	12	40	41.5	45
30"	4700	2350	18800	9400	10	42	43.5	47	10	43	44.5	47.5	10	44	45.5	48	12	45	46.5	50.5	12	46	47.5	51
36"	5500	2750	22000	11000	10	48	49.5	53	10	49	50.5	53.5	10	50	51.5	54	12	51	52.5	56.5	12	52	53.5	57
42"	6200	3100	24800	12400	10	54	55.5	59	10	55	56.5	59.5	10	56	57.5	60	12	57	58.5	62.5	12	58	59.5	63
48"	7100	3550	28400	14200	10	60	61.5	65	10	61	62.5	65.5	10	62	63.5	66	12	63	64.5	68.5	12	64	65.5	69
56"	8300	4150	33100	16550	10	68	69.5	73	10	69	70.5	73.5	10	70	71.5	74	12	71	72.5	76.5	12	72	73.5	77
60"	8900	4450	35500	17750	10	72	73.5	77	10	73	74.5	77.5	10	74	75.5	78	12	75	76.5	80.5	12	76	77.5	81
66"	9800	4900	39000	19500	10	78	79.5	82	10	79	80.5	82.5	10	80	81.5	83	12	81	82.5	85.5	12	82	83.5	86
72"	10700	5350	42600	21300	10	84	85.5	89	10	85	86.5	89.5	10	86	87.5	90	12	87	88.5	92.5	12	88	89.5	93

IMPERIAL

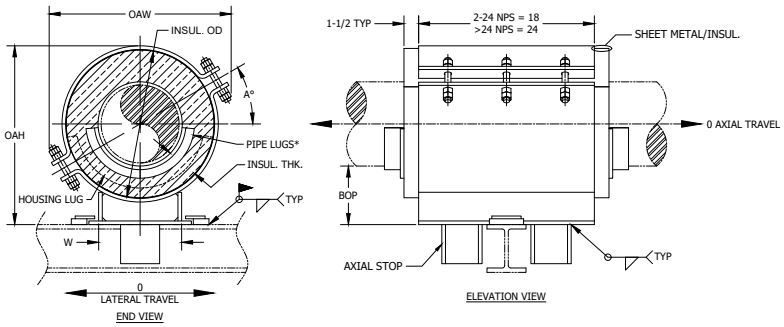
Calcium Silicate Anchor

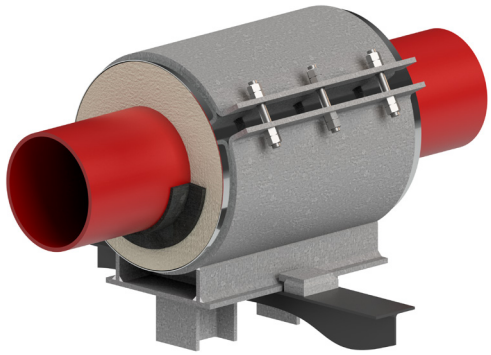
LEGACY DESIGNATION:
HA-4000; HA-4100; HA-4200; HA-4300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load	Axial Load
HACS -	8 x	3 -	6 -	18 -	1700 -	595 -	3020

Hot **A**nchor **C**alcium **S**ilicate





* - Pipe lugs to be compatible with process pipe material.

*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Resists axial, vertical, and/or lateral pipe loads
- Support supplied with guide angles and axial stops
- Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 Steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Support features calcium silicate insulation with high density calcium silicate structural inserts
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- Water-resistant calcium silicate
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

Pipe Size	L (in)	Base Length
< 14"	12	18
≥ 14"	18	18

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Axial Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							1"				1-1/2"				2"				2-1/2"				3"			
	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	420	150	1200	1260	445	2800	4	4.5	7.5	8	4	5.563	8	8.5	4	6.625	9	9	4	7.625	10	9.5	6	8.625	11	12
2-1/2"	420	150	1200	1260	445	2800	4	5	8	8.5	4	6.625	9	9.5	4	7.625	10	10	4	8.625	11	10.5	6	9.625	12	13
3"	530	190	1400	1600	560	3450	4	5.56	8	9	4	6.625	9	9.5	4	7.625	10	10	4	8.625	11	10.5	6	9.625	12	13
4"	840	295	1730	2500	875	4100	4	6.625	9	10	4	7.625	10	10.5	4	8.625	11	11	4	9.625	12	11.5	6	10.75	12.5	14
6"	1050	370	2400	3800	1330	5400	4	8.625	12	12	4	9.625	12.5	12.5	4	10.75	13.5	13.5	4	11.75	14.5	14	6	12.75	15.5	16.5
8"	1700	595	3020	5100	1785	6675	4	10.75	13.5	14.5	4	11.75	14.5	15	4	12.75	15.5	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	2000	700	3700	6000	2100	8000	4	12.75	15.5	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18	20	6	17	19	20.5
12"	2200	770	4320	8800	3080	13200	4	15	17.5	18.5	4	16	18	19	4	17	19	19.5	6	18	20	22	6	19	20.5	22.5
14"	2500	875	4700	10000	3500	15000	4	16	18	19.5	4	17	19	20	4	18	20	20.5	6	19	20.5	23	6	20	21.5	23.5
16"	2900	1015	5370	11600	4060	17400	4	18	20	21.5	4	19	21	22	6	20	22	24.5	6	21	23	25	6	22	23.5	25.5
18"	3200	1120	5970	12800	4480	19200	4	20	22	23.5	4	21	23	24	6	22	23.5	26.5	6	23	24.5	27	6	24	25.5	27.5
20"	3400	1190	6600	13600	4760	20400	4	22	23.5	25.5	4	23	24.5	26	6	24	25.5	28.5	6	25	26.5	29	6	26	27	29.5
24"	3600	1260	7850	14440	5055	21600	4	26	29.5	30	4	27	30.5	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	4700	1645	9740	18800	6580	28200	4	32	34.5	36	6	33	35.5	38.5	6	34	36.5	39	6	35	37.5	39.5	6	36	38	40
36"	5500	1925	11600	22000	7700	33000	4	38	40	42	6	39	40.5	44.5	6	40	41.5	45	6	41	42.5	45.5	6	42	43.5	46
42"	6200	2170	13500	24800	8680	37200	4	44	45.5	48	6	45	46.5	50.5	6	46	47.5	51	6	47	48.5	51.5	6	48	49.5	52
48"	7100	2485	15460	28400	9940	61830	4	50	51.5	54	6	51	52.5	56.5	6	52	53.5	57	6	53	54.5	57.5	6	54	55.5	58
56"	8300	2905	18070	33100	11585	72060	4	58	59.5	62	6	59	60.5	64.5	6	60	61.5	65	6	61	62.5	65.5	6	62	63.5	66
60"	8900	3115	19380	35500	12425	77290	4	62	63.5	66	6	63	64.5	68.5	6	64	65.5	69	6	65	66.5	69.5	6	66	67.5	70
66"	9800	3430	21340	39000	13650	84910	4	68	69.5	71	6	69	70.5	73.5	6	70	71.5	74	6	71	72.5	74.5	6	72	73.5	75
72"	10700	3745	23300	42600	14910	92750	4	74	75.5	78	6	75	76.5	80.5	6	76	77.5	81	6	77	78.5	81.5	6	78	79.5	82

Calcium Silicate Anchor

LEGACY DESIGNATION:
HA-4000; HA-4100; HA-4200; HA-4300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load	Axial Load
HACS -	8 x	3 -	6 -	18 -	1700 -	595 -	3020

Hot **A**nchor **C**alcium **S**ilicate

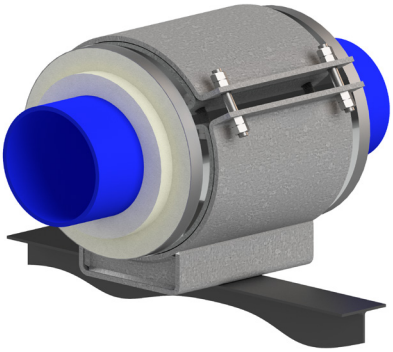
IMPERIAL

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							3-1/2"				4"				4-1/2"				5"				5-1/2"			
	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	420	150	1200	1260	445	2800	6	9.625	12	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	15.5	16.5
2-1/2"	420	150	1200	1260	445	2800	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	15.5	17	8	15	16.5	17.5
3"	530	190	1400	1600	560	3450	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	15.5	17.5	8	15	16.5	18
4"	840	295	1730	2500	875	4100	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	15.5	16	8	15	16.5	18.5	8	16	17.5	19
6"	1050	370	2400	3800	1330	5400	6	14	16.5	17	6	15	17.5	17.5	6	16	18	18	8	17	19	20.5	8	18	20	21
8"	1700	595	3020	5100	1785	6675	6	16	18	19	6	17	19	19.5	8	18	20	22	8	19	20.5	22.5	8	20	21.5	23
10"	2000	700	3700	6000	2100	8000	6	18	20	21	6	19	20.5	21.5	8	20	21.5	24	8	21	22.5	24.5	8	22	23.5	25
12"	2200	770	4320	8800	3080	13200	6	20	21.5	23	6	21	22.5	23.5	8	22	23.5	26	8	23	24	26.5	8	24	25	27
14"	2500	875	4700	10000	3500	15000	6	21	22.5	24	6	22	23.5	24.5	8	23	24	27	8	24	25	27.5	8	25	26	28
16"	2900	1015	5370	11600	4060	17400	6	23	24.5	26	8	24	25.5	28.5	8	25	26.5	29	8	26	27	29.5	8	27	28	30
18"	3200	1120	5970	12800	4480	19200	6	25	26.5	28	8	26	27	30.5	8	27	28	31	8	28	29	31.5	8	29	30	32
20"	3400	1190	6600	13600	4760	20400	6	27	28	30	8	28	29	32.5	8	29	30	33	8	30	31	33.5	8	31	32	34
24"	3600	1260	7850	14440	5055	21600	6	31	34	34.5	8	32	34.5	37	8	33	35.5	37.5	8	34	36.5	38	8	35	37.5	38.5
30"	4700	1645	9740	18800	6580	28200	8	37	39	42.5	8	38	40	43	8	39	40.5	43.5	8	40	41.5	44	10	41	42.5	46.5
36"	5500	1925	11600	22000	7700	33000	8	43	44.5	48.5	8	44	45.5	49	8	45	46.5	49.5	8	46	47.5	50	10	47	48.5	52.5
42"	6200	2170	13500	24800	8680	37200	8	49	50.5	54.5	8	50	51.5	55	8	51	52.5	55.5	8	52	53.5	56	10	53	54.5	58.5
48"	7100	2485	15460	28400	9940	61830	8	55	56.5	60.5	8	56	57.5	61	8	57	58.5	61.5	8	58	59.5	62	10	59	60.5	64.5
56"	8300	2905	18070	33100	11585	72060	8	63	64.5	68.5	8	64	65.5	69	8	65	66.5	69.5	8	66	67.5	70	10	67	68.5	72.5
60"	8900	3115	19380	35500	12425	77290	8	67	68.5	72.5	8	68	69.5	73	8	69	70.5	73.5	8	70	71.5	74	10	71	72.5	76.5
66"	9800	3430	21340	39000	13650	84910	8	73	74.5	77.5	8	74	75.5	78	8	75	76.5	78.5	8	76	77.5	79	10	77	78.5	81.5
72"	10700	3745	23300	42600	14910	92750	8	79	80.5	84.5	8	80	81.5	85	8	81	82.5	85.5	8	82	83.5	86	10	83	84.5	88.5

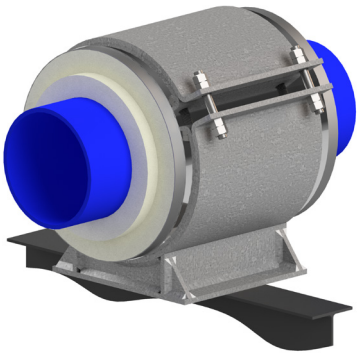
PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							6"				6-1/2"				7"				7-1/2"				8"			
	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	420	150	1200	1260	445	2800	8	15	16.5	17	8	16	17.5	17.5	10	17	18	20	10	18	19	20.5	10	19	20	21
2-1/2"	420	150	1200	1260	445	2800	8	16	17.5	18	8	17	18	18.5	10	18	19	21	10	19	20	21.5	10	20	20.5	22
3"	530	190	1400	1600	560	3450	8	16	17.5	18.5	8	17	18	19	10	18	19	21.5	10	19	20	22	10	20	20.5	22.5
4"	840	295	1730	2500	875	4100	8	17	18	19.5	8	18	19	20	10	19	20	22.5	10	20	20.5	23	10	21	21.5	23.5
6"	1050	370	2400	3800	1330	5400	8	19	20.5	21.5	8	20	21.5	22	10	21	22.5	24.5	10	22	23.5	25	10	23	24	25.5
8"	1700	595	3020	5100	1785	6675	8	21	22.5	23.5	10	22	23.5	26	10	23	24	26.5	10	24	25	27	10	25	26	27.5
10"	2000	700	3700	6000	2100	8000	8	23	24	25.5	10	24	25	28	10	25	26	28.5	10	26	27	29	10	27	28	29.5
12"	2200	770	4320	8800	3080	13200	8	25	26	27.5	10	26	27	30	10	27	28	30.5	10	28	29	31	10	29	30	31.5
14"	2500	875	4700	10000	3500	15000	8	26	27	28.5	10	27	28	31	10	28	29	31.5	10	29	30	32	10	30	31	32.5
16"	2900	1015	5370	11600	4060	17400	10	28	29	32.5	10	29	30	33	10	30	31	33.5	10	31	32	34	12	32	33	36.5
18"	3200	1120	5970	12800	4480	19200	10	30	31	34.5	10	31	32	35	10	32	33	35.5	10	33	34	36	12	34	35	38.5
20"	3400	1190	6600	13600	4760	20400	10	32	33	36.5	10	33	34	37	10	34	35	37.5	10	35	36	38	12	36	37	40.5
24"	3600	1260	7850	14440	5055	21600	10	36	38	41	10	37	39	41.5	10	38	40	42	10	39	40.5	42.5	12	40	41.5	45
30"	4700	1645	9740	18800	6580	28200	10	42	43.5	47	10	43	44.5	47.5	10	44	45.5	48	12	45	46.5	50.5	12	46	47.5	51
36"	5500	1925	11600	22000	7700	33000	10	48	49.5	53	10	49	50.5	53.5	10	50	51.5	54	12	51	52.5	56.5	12	52	53.5	57
42"	6200	2170	13500	24800	8680	37200	10	54	55.5	59	10	55	56.5	59.5	10	56	57.5	60	12	57	58.5	62.5	12	58	59.5	63
48"	7100	2485	15460	28400	9940	61830	10	60	61.5	65	10	61	62.5	65.5	10	62	63.5	66	12	63	64.5	68.5	12	64	65.5	69
56"	8300	2905	18070	33100	11585	72060	10	68	69.5	73	10	69	70.5	73.5	10	70	71.5	74	12	71	72.5	76.5	12	72	73.5	77
60"	8900	3115	19380	35500	12425	77290	10	72	73.5	77	10	73	74.5	77.5	10	74	75.5	78	12	75	76.5	80.5	12	76	77.5	81
66"	9800	3430	21340	39000	13650	84910	10	78	79.5	82	10	79	80.5	82.5	10	80	81.5	83	12	81	82.5	85.5	12	82	83.5	86
72"	10700	3745	23300	42600	14910	92750	10	84	85.5	89	10	85	86.5	89.5	10	86	87.5	90	12	87	88.5	92.5	12	88	89.5	93

Bent Ear Polyurethane Supports

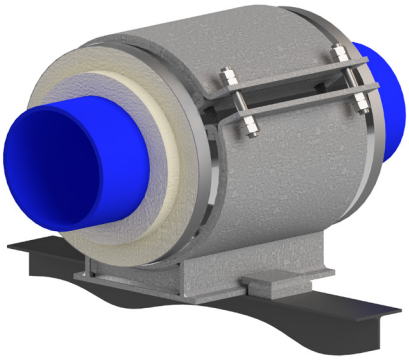
Polyurethane Bent Ear Overview



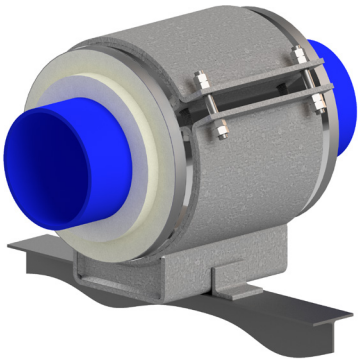
Polyurethane
Resting



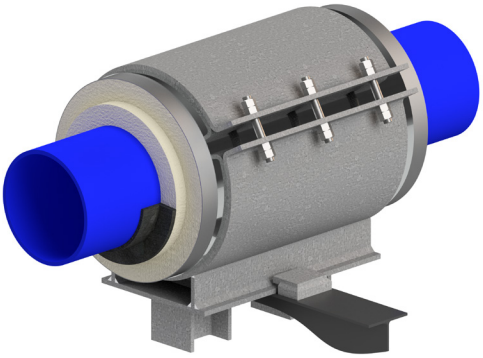
Polyurethane
High Lateral Travel



Polyurethane
Vertically Restrained Guided



Polyurethane
Guided



Polyurethane
Anchor

IMPERIAL

Polyurethane Resting

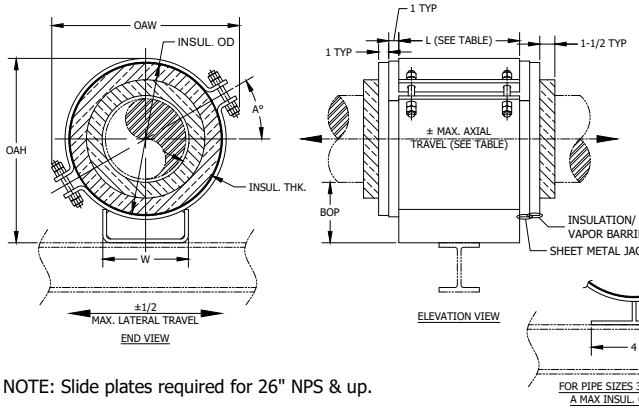
LEGACY DESIGNATION:

CS-1000; CS-1100; CS-2000; CS-2100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load
CSPF	8	3	6	12	1100

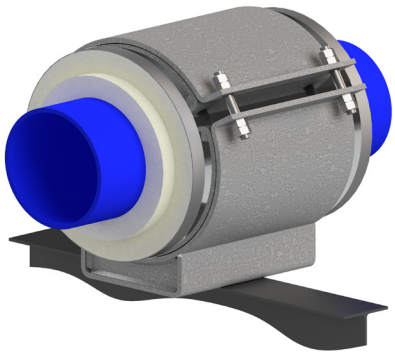
Cold **S**lide **P**olyurethane **F**oam



NOTE: Slide plates required for 26" NPS & up.

L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"



*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (±½ in Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																			
			1"				1-1/2"				2"				2-1/2"				3"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	90	4	2.875	4.5	6.5	4	4	6	7	4	5	7	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
3/4"	70	110	4	2.875	4.5	6.5	4	4	6	7	4	5	7	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
1"	90	140	4	3.5	5.5	7	4	4.5	6.5	7.5	4	5.563	7.5	8	4	6.625	8.5	8.5	6	7.625	9.5	11
1-1/2"	140	210	4	4	6	7.5	4	5	7	8	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2"	170	260	4	4.5	6.5	8	4	5.563	7.5	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	260	390	4	5	7	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	310	470	4	5.56	7.5	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	400	610	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	590	1340	4	8.625	11	12	4	9.625	12	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1100	2400	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	1300	3100	4	12.75	15	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2400	6000	4	15	17.5	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2600	6600	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	3000	7600	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	4400	8500	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	4900	9500	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	5800	17700	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	7300	22100	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	8800	26500	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	17000	31000	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	19600	34600	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	22800	40400	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	24500	43300	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	26900	47600	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	29400	52000	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Polyurethane Resting

LEGACY DESIGNATION:

CS-1000; CS-1100; CS-2000; CS-2100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size		Insulation Thickness		BOP (in)		Support Length		Vertical Load
CSPF	- 8	x	3	-	6	-	12	-	1100

Cold **S**lide **P**olyurethane **F**oam

IMPERIAL

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			3-1/2"				4"				4-1/2"				5"				5-1/2"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	90	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	70	110	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	90	140	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	140	210	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2"	170	260	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	260	390	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	310	470	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	400	610	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	590	1340	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1100	2400	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	1300	3100	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2400	6000	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2600	6600	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	3000	7600	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	4400	8500	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	4900	9500	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	5800	17700	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	7300	22100	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	8800	26500	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	17000	31000	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	19600	34600	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	22800	40400	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
60"	24500	43300	8	67	70	72.5	8	68	71	73	8	69	72	73.5	8	70	73	74	10	71	74	76.5
66"	26900	47600	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	29400	52000	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			6"				6-1/2"				7"				7-1/2"				8"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	90	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
3/4"	70	110	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1"	90	140	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1-1/2"	140	210	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2"	170	260	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	260	390	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	310	470	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	400	610	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	590	1340	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1100	2400	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	1300	3100	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2400	6000	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2600	6600	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	3000	7600	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	4400	8500	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	4900	9500	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	5800	17700	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	7300	22100	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	8800	26500	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	17000	31000	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	19600	34600	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	22800	40400	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	24500	43300	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	26900	47600	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	29400	52000	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

IMPERIAL

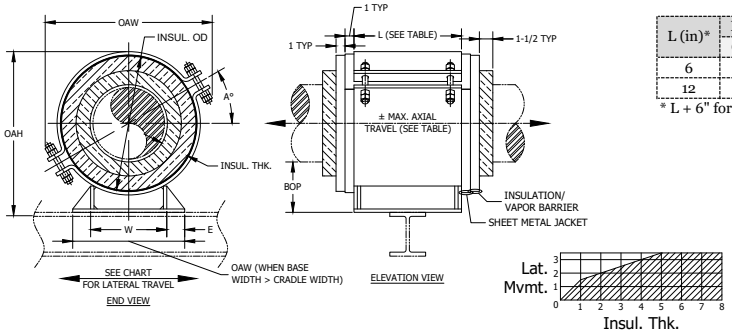
Polyurethane High Lateral Travel

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load
CS(H)PF -	8 x	3 -	6 -	12 -	1100

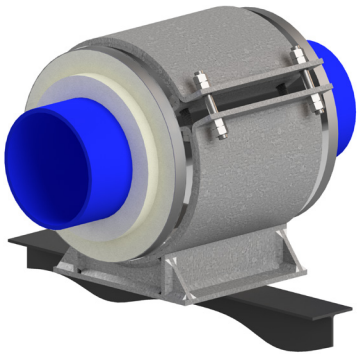
LEGACY DESIGNATION:
CS-5000; CS-5100; CS-5200; CS-5300;
CS-6000; CS-6100; CS-6200; CS-6300

Cold **S**lide (**H**igh Lateral Travel) **P**olyurethane **F**oam



L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"



*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (See Chart) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																			
			1"				1-1/2"				2"				2-1/2"				3"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	90	4	2.875	6.5	6.5	4	4	6.5	7	4	5	8.5	7.5	4	6.625	8.5	8.5	6	7.625	10.5	11
3/4"	70	110	4	2.875	6.5	6.5	4	4	6.5	7	4	5	8.5	7.5	4	6.625	8.5	8.5	6	7.625	10.5	11
1"	90	140	4	3.5	6.5	7	4	4.5	6.5	7.5	4	5.563	8.5	8	4	6.625	8.5	8.5	6	7.625	10.5	11
1-1/2"	140	210	4	4	6.5	7.5	4	5	7	8	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2"	170	260	4	4.5	6.5	8	4	5.563	7.5	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	260	390	4	5	7	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	310	470	4	5.56	7.5	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	400	610	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	590	1340	4	8.625	11	12	4	9.625	12	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1100	2400	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	1300	3100	4	12.75	15	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2400	6000	4	15	17.5	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2600	6600	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	3000	7600	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	4400	8500	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	4900	9500	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	5800	17700	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	7300	22100	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	8800	26500	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	17000	31000	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	19600	34600	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	22800	40400	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	24500	43300	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	26900	47600	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	29400	52000	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Polyurethane High Lateral Travel

LEGACY DESIGNATION:
CS-5000; CS-5100; CS-5200; CS-5300;
CS-6000; CS-6100; CS-6200; CS-6300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load
CS(H)PF-	8 x	3 -	6 -	12 -	1100

Cold **S**lide (**H**igh Lateral Travel) **P**olyurethane **F**oam

IMPERIAL

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			3-1/2"				4"				4-1/2"				5"				5-1/2"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	90	6	8.625	10.5	11.5	6	9.625	12.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	70	110	6	8.625	10.5	11.5	6	9.625	12.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	90	140	6	8.625	10.5	11.5	6	9.625	12.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	140	210	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2"	170	260	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	260	390	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	310	470	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	400	610	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	590	1340	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1100	2400	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	1300	3100	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2400	6000	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2600	6600	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	3000	7600	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	4400	8500	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	4900	9500	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	5800	17700	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	7300	22100	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	8800	26500	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	17000	31000	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	19600	34600	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	22800	40400	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
60"	24500	43300	8	67	70	72.5	8	68	71	73	8	69	72	73.5	8	70	73	74	10	71	74	76.5
66"	26900	47600	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	29400	52000	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			6"				6-1/2"				7"				7-1/2"				8"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	90	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
3/4"	70	110	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1"	90	140	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1-1/2"	140	210	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2"	170	260	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	260	390	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	310	470	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	400	610	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	590	1340	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1100	2400	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	1300	3100	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2400	6000	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2600	6600	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	3000	7600	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	4400	8500	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	4900	9500	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	5800	17700	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	7300	22100	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	8800	26500	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	17000	31000	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	19600	34600	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	22800	40400	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	24500	43300	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	26900	47600	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	29400	52000	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

IMPERIAL

Polyurethane Vertically Restrained Guided

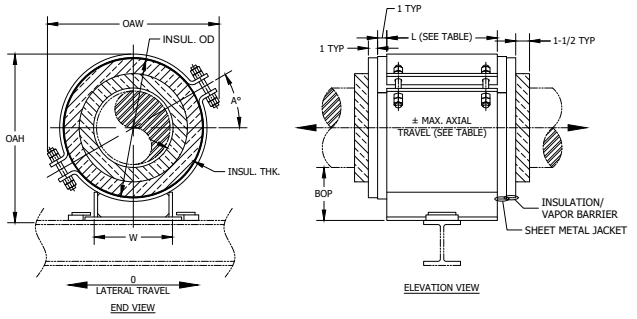
LEGACY DESIGNATION:

CG-3000; CG-3100; CG-4000; CG-4100

DESIGNATION EXAMPLE

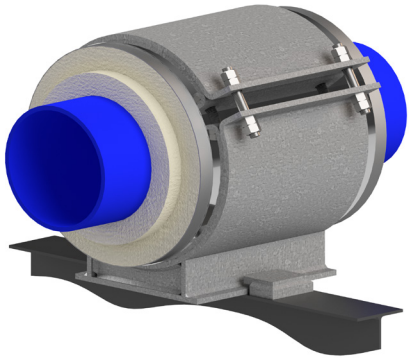
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
CGPF -	8 x	3 -	6 -	12 -	1100 -	500

Cold **G**uide **P**olyurethane **F**oam



L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"



NOTE: Slide plates required for 26" NPS & up.

*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±⅛ in Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:

1) Dimensions in inches unless noted

2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	**LOW** LOAD OPTION		**HIGH** LOAD OPTION		INSULATION THICKNESS																			
					1"				1-1/2"				2"				2-1/2"				3"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	30	90	45	4	2.875	6	6.5	4	4	6	7	4	5	7	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
3/4"	70	35	110	55	4	2.875	6	6.5	4	4	6	7	4	5	7	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
1"	90	45	140	70	4	3.5	6	7	4	4.5	6.5	7.5	4	5.563	7.5	8	4	6.625	8.5	8.5	6	7.625	9.5	11
1-1/2"	140	70	210	105	4	4	6	7.5	4	5	7	8	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2"	170	85	260	130	4	4.5	6.5	8	4	5.563	7.5	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	260	130	390	195	4	5	7	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	310	155	470	235	4	5.56	7.5	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	400	200	610	305	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	590	295	1340	670	4	8.625	11	12	4	9.625	12	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1100	550	2400	1200	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	1300	650	3100	1550	4	12.75	15	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2400	1200	6000	3000	4	15	17.5	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2600	1300	6600	3300	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	3000	1500	7600	3800	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	4400	2200	8500	4250	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	4900	2450	9500	4750	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	5800	2900	17700	8850	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	7300	3650	22100	11050	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	8800	4400	26500	13250	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	17000	8500	31000	15500	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	19600	9800	34600	17300	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	22800	11400	40400	20200	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	24500	12250	43300	21650	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	26900	13450	47600	23800	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	29400	14700	52000	26000	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Polyurethane Vertically Restrained Guided

LEGACY DESIGNATION:
CG-3000; CG-3100; CG-4000; CG-4100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
CGPF -	8 x	3 -	6 -	12 -	1100 -	500

Cold **G**uide **P**olyurethane **F**oam

IMPERIAL

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					3-1/2"				4"				4-1/2"				5"				5-1/2"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)
1/2"	60	30	90	45	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	70	35	110	55	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	90	45	140	70	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	140	70	210	105	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2"	170	85	260	130	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	260	130	390	195	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	310	155	470	235	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	400	200	610	305	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	590	295	1340	670	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1100	550	2400	1200	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	1300	650	3100	1550	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2400	1200	6000	3000	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2600	1300	6600	3300	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	3000	1500	7600	3800	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	4400	2200	8500	4250	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	4900	2450	9500	4750	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	5800	2900	17700	8850	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	7300	3650	22100	11050	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	8800	4400	26500	13250	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	17000	8500	31000	15500	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	19600	9800	34600	17300	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	22800	11400	40400	20200	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
60"	24500	12250	43300	21650	8	67	70	72.5	8	68	71	73	8	69	72	73.5	8	70	73	74	10	71	74	76.5
66"	26900	13450	47600	23800	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	29400	14700	52000	26000	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					6"				6-1/2"				7"				7-1/2"				8"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)
1/2"	60	30	90	45	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
3/4"	70	35	110	55	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1"	90	45	140	70	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1-1/2"	140	70	210	105	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2"	170	85	260	130	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	260	130	390	195	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	310	155	470	235	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	400	200	610	305	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	590	295	1340	670	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1100	550	2400	1200	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	1300	650	3100	1550	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2400	1200	6000	3000	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2600	1300	6600	3300	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	3000	1500	7600	3800	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	4400	2200	8500	4250	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	4900	2450	9500	4750	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	5800	2900	17700	8850	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	7300	3650	22100	11050	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	8800	4400	26500	13250	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	17000	8500	31000	15500	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	19600	9800	34600	17300	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	22800	11400	40400	20200	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	24500	12250	43300	21650	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	26900	13450	47600	23800	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	29400	14700	52000	26000	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

IMPERIAL

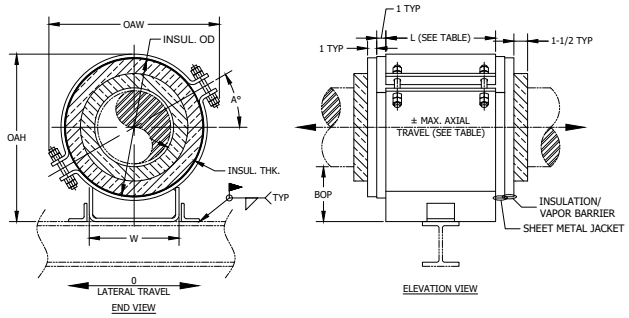
Polyurethane Guided

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
CG(L)PF -	8 x	30 -	4 -	12 -	4335 -	2170

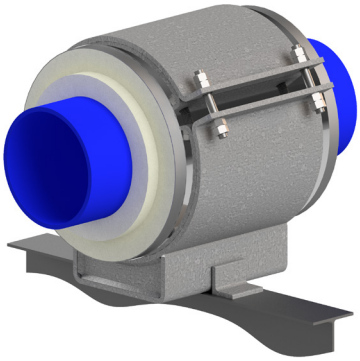
LEGACY DESIGNATION:
CG-7000; CG-7100; CG-8000; CG-8100

Cold **G**uide (**L**aterally Restrained) **P**olyurethane **F**oam



L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"



NOTE: Slide plates required for 26" NPS & up.

*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±⅛ in Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	**LOW** LOAD OPTION		**HIGH** LOAD OPTION		INSULATION THICKNESS																			
					1"				1-1/2"				2"				2-1/2"				3"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	30	90	45	-	-	-	-	4	4	7	7	4	5	7.5	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
3/4"	70	35	110	55	-	-	-	-	4	4	7	7	4	5	7.5	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
1"	90	45	140	70	-	-	-	-	4	4.5	7	7.5	4	5.563	8	8	4	6.625	8.5	8.5	6	7.625	9.5	11
1-1/2"	140	70	210	105	4	4	7	7.5	4	5	7.5	8	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2"	170	85	260	130	4	4.5	7	8	4	5.563	8	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	260	130	390	195	4	5	7.5	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	310	155	470	235	4	5.56	8	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	400	200	610	305	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	590	295	1340	670	4	8.625	12	12	4	9.625	12.5	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1100	550	2400	1200	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	1300	650	3100	1550	4	12.75	16.5	16.5	4	14	17.5	17	4	15	18	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2400	1200	6000	3000	4	15	18	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2600	1300	6600	3300	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	3000	1500	7600	3800	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	4400	2200	8500	4250	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	4900	2450	9500	4750	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	5800	2900	17700	8850	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	7300	3650	22100	11050	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	8800	4400	26500	13250	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	17000	8500	31000	15500	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	19600	9800	34600	17300	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	22800	11400	40400	20200	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	24500	12250	43300	21650	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	26900	13450	47600	23800	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	29400	14700	52000	26000	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Polyurethane Guided

LEGACY DESIGNATION:
CG-7000; CG-7100; CG-8000; CG-8100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
CG(L)PF -	8 x	30 -	4 -	12 -	4335 -	2170

Cold **G**uide (**L**aterally Restrained) **P**olyurethane **F**oam

IMPERIAL

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					3-1/2"				4"				4-1/2"				5"				5-1/2"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	30	90	45	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	70	35	110	55	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	90	45	140	70	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	140	70	210	105	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2"	170	85	260	130	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	260	130	390	195	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	310	155	470	235	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	400	200	610	305	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	590	295	1340	670	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1100	550	2400	1200	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	1300	650	3100	1550	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2400	1200	6000	3000	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2600	1300	6600	3300	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	3000	1500	7600	3800	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	4400	2200	8500	4250	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	4900	2450	9500	4750	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	5800	2900	17700	8850	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	7300	3650	22100	11050	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	8800	4400	26500	13250	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	17000	8500	31000	15500	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	19600	9800	34600	17300	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	22800	11400	40400	20200	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
60"	24500	12250	43300	21650	8	67	70	72.5	8	68	71	73	8	69	72	73.5	8	70	73	74	10	71	74	76.5
66"	26900	13450	47600	23800	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	29400	14700	52000	26000	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					6"				6-1/2"				7"				7-1/2"				8"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	30	90	45	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
3/4"	70	35	110	55	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1"	90	45	140	70	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1-1/2"	140	70	210	105	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2"	170	85	260	130	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	260	130	390	195	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	310	155	470	235	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	400	200	610	305	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	590	295	1340	670	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1100	550	2400	1200	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	1300	650	3100	1550	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2400	1200	6000	3000	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2600	1300	6600	3300	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	3000	1500	7600	3800	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	4400	2200	8500	4250	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	4900	2450	9500	4750	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	5800	2900	17700	8850	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	7300	3650	22100	11050	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	8800	4400	26500	13250	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	17000	8500	31000	15500	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	19600	9800	34600	17300	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	22800	11400	40400	20200	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	24500	12250	43300	21650	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	26900	13450	47600	23800	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	29400	14700	52000	26000	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

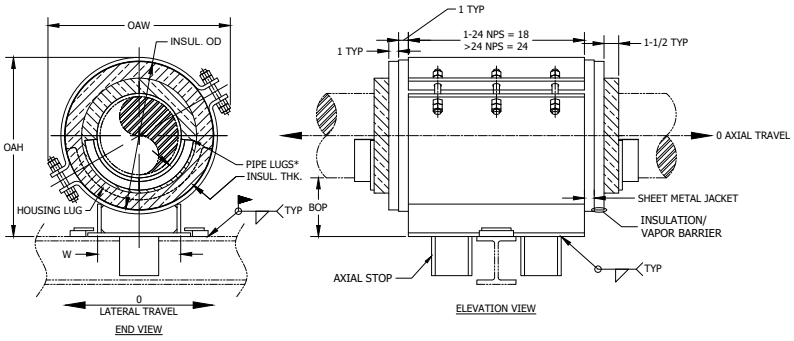
Polyurethane Anchor

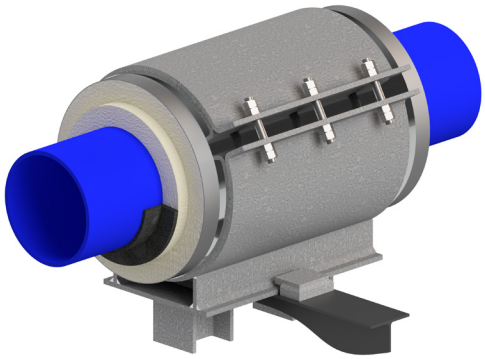
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load	Axial Load
CAPF -	8 x	3 -	6 -	12 -	2400 -	1200 -	1860

LEGACY DESIGNATION:
CA-4000; CA-4100

Cold **A**nchor **P**olyurethane **F**oam





** - Pipe lugs to be compatible with process pipe material.

*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

Pipe Size	L (in)	Base Length
< 14"	12	18
≥ 14"	18	18

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Axial Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	**LOW** LOAD OPTION			**HIGH** LOAD OPTION			INSULATION THICKNESS																			
							1"				1-1/2"				2"				2-1/2"				3"			
	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
2"	170	85	160	260	130	550	4	4.5	6.5	8	4	5.563	7.5	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	260	130	180	390	195	760	4	5	7	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	310	155	200	470	235	650	4	5.56	7.5	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	400	200	250	610	305	760	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	590	295	280	1340	670	1510	4	8.625	11	12	4	9.625	12	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1100	550	460	2400	1200	1860	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	1300	650	630	3100	1550	2370	4	12.75	15	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2400	1200	1100	6000	3000	4570	4	15	17.5	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2600	1300	1190	6600	3300	4750	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	3000	1500	1370	7600	3800	4910	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	4400	2200	1800	8500	4250	5460	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	4900	2450	1980	9500	4750	6010	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	5800	2900	2350	17700	8850	12910	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	7300	3650	2900	22100	11050	15890	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	8800	4400	3460	26500	13250	18870	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	17000	8500	6680	31000	15500	21840	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	19600	9800	8160	34600	17300	22700	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	22800	11400	9470	40400	20200	25380	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	24500	12250	10110	43300	21650	26170	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	26900	13450	11100	47600	23800	26610	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	29400	14700	12100	52000	26000	26700	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Polyurethane Anchor

LEGACY DESIGNATION:
CA-4000; CA-4100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load	Axial Load
CAPF -	8 x	3 -	6 -	12 -	2400 -	1200 -	1860

Cold **A**nchor **P**olyurethane **F**oam

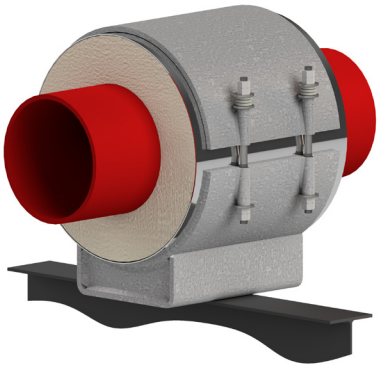
IMPERIAL

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							3-1/2"				4"				4-1/2"				5"				5-1/2"			
	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
2"	170	85	160	260	130	550	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	260	130	180	390	195	760	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	310	155	200	470	235	650	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	400	200	250	610	305	760	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	590	295	280	1340	670	1510	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1100	550	460	2400	1200	1860	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	1300	650	630	3100	1550	2370	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2400	1200	1100	6000	3000	4570	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2600	1300	1190	6600	3300	4750	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	3000	1500	1370	7600	3800	4910	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	4400	2200	1800	8500	4250	5460	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	4900	2450	1980	9500	4750	6010	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	5800	2900	2350	17700	8850	12910	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	7300	3650	2900	22100	11050	15890	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	8800	4400	3460	26500	13250	18870	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	17000	8500	6680	31000	15500	21840	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	19600	9800	8160	34600	17300	22700	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	22800	11400	9470	40400	20200	25380	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
60"	24500	12250	10110	43300	21650	26170	8	67	70	72.5	8	68	71	73	8	69	72	73.5	8	70	73	74	10	71	74	76.5
66"	26900	13450	11100	47600	23800	26610	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	29400	14700	12100	52000	26000	26700	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

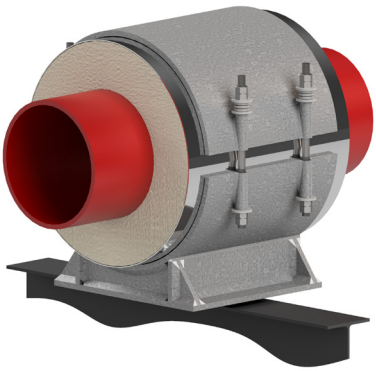
PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							6"				6-1/2"				7"				7-1/2"				8"			
	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)
2"	170	85	160	260	130	550	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	260	130	180	390	195	760	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	310	155	200	470	235	650	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	400	200	250	610	305	760	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	590	295	280	1340	670	1510	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1100	550	460	2400	1200	1860	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	1300	650	630	3100	1550	2370	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2400	1200	1100	6000	3000	4570	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2600	1300	1190	6600	3300	4750	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	3000	1500	1370	7600	3800	4910	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	4400	2200	1800	8500	4250	5460	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	4900	2450	1980	9500	4750	6010	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	5800	2900	2350	17700	8850	12910	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	7300	3650	2900	22100	11050	15890	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	8800	4400	3460	26500	13250	18870	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	17000	8500	6680	31000	15500	21840	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	19600	9800	8160	34600	17300	22700	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	22800	11400	9470	40400	20200	25380	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	24500	12250	10110	43300	21650	26170	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	26900	13450	11100	47600	23800	26610	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	29400	14700	12100	52000	26000	26700	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

Sleeve Calcium Silicate Supports

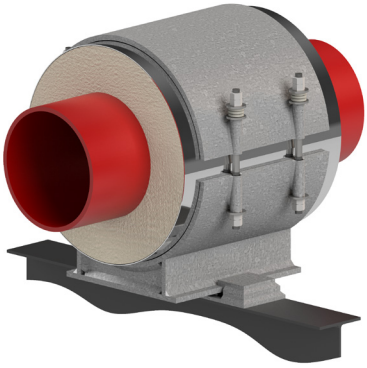
Calcium Silicate Sleeve Overview



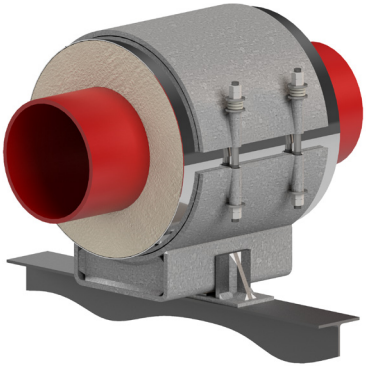
Calcium Silicate
Resting



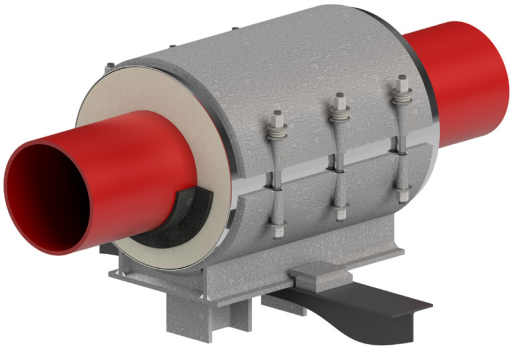
Calcium Silicate
High Lateral Travel



Calcium Silicate
Vertically Restrained Guided



Calcium Silicate
Guided



Calcium Silicate
Anchor

IMPERIAL

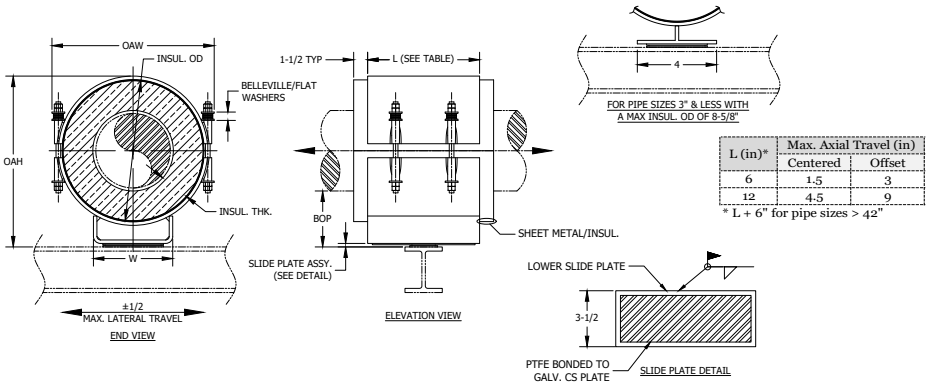
Calcium Silicate Resting

LEGACY DESIGNATION:
HS-1000; HS-1100; HS-1200; HS-1300;
HS-2000; HS-2100; HS-2200; HS-2300

DESIGNATION EXAMPLE

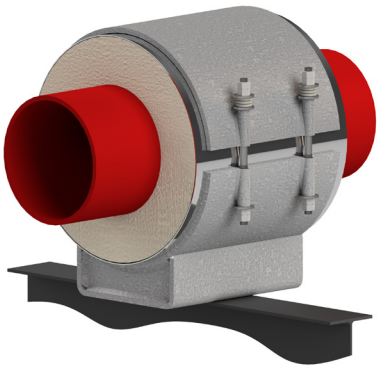
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load
HSCS -	8 x	3 -	4 -	12 -	5100

Hot **S**lide **C**alcium **S**ilicate



L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"



*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (±½ in Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																			
			1"				1-1/2"				2"				2-1/2"				3"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	140	550	4	2.875	4.5	6.5	4	4	6	7	4	5	7	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
3/4"	175	700	4	2.875	4.5	6.5	4	4	6	7	4	5	7	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
1"	225	900	4	3.5	5.5	7	4	4.5	6.5	7.5	4	5.563	7.5	8	4	6.625	8.5	8.5	6	7.625	9.5	11
1-1/2"	325	1300	4	4	6	7.5	4	5	7	8	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2"	375	1500	4	4.5	6.5	8	4	5.563	7.5	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	460	1800	4	5	7	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	530	2100	4	5.56	7.5	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	840	3350	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	1275	5100	4	8.625	11	12	4	9.625	12	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1700	6800	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	2000	8000	4	12.75	15	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2200	8800	4	15	17.5	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2500	10000	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	2900	11600	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	3200	12800	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	3400	13600	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	3600	14400	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	4700	18800	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	5500	22000	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	6200	24800	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	7100	28400	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	8300	33100	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	8900	35500	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	9800	39000	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	10700	42600	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Calcium Silicate Resting

LEGACY DESIGNATION:
HS-1000; HS-1100; HS-1200; HS-1300;
HS-2000; HS-2100; HS-2200; HS-2300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load
HSCS -	8 x	3 -	4 -	12 -	5100

Hot **S**lide **C**alcium **S**ilicate

IMPERIAL

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			3-1/2"				4"				4-1/2"				5"				5-1/2"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	100	250	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	112	280	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	160	400	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	240	600	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2"	300	750	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	360	900	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	530	2120	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	840	3360	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	1275	5100	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1700	6800	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	2000	8000	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2200	8800	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2500	10000	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	2900	11600	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	3200	12800	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	3400	13600	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	3600	14440	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	4700	18800	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	5500	22000	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	6200	24800	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	7100	28400	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	8300	33100	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
60"	8900	35500	8	67	70	72.5	8	68	71	73	8	69	72	73.5	8	70	73	74	10	71	74	76.5
66"	9800	39000	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	10700	42600	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																			
			6"				6-1/2"				7"				7-1/2"				8"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	100	250	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
3/4"	112	280	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1"	160	400	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1-1/2"	240	600	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2"	300	750	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	360	900	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	530	2120	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	840	3360	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	1275	5100	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1700	6800	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	2000	8000	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2200	8800	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2500	10000	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	2900	11600	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	3200	12800	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	3400	13600	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	3600	14440	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	4700	18800	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	5500	22000	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	6200	24800	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	7100	28400	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	8300	33100	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	8900	35500	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	9800	39000	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	10700	42600	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

IMPERIAL

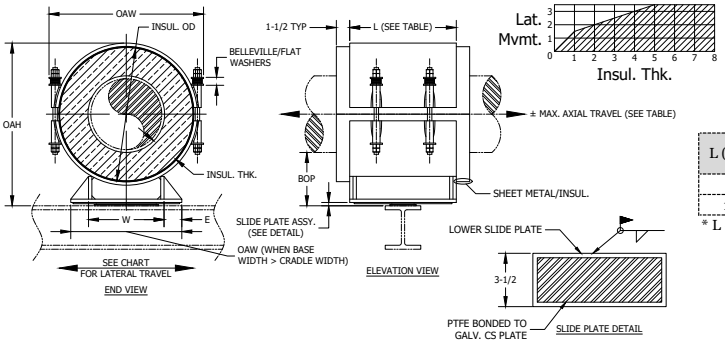
Calcium Silicate High Lateral Travel

DESIGNATION EXAMPLE

Model No	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load
HS(H)CS -	8 x	3 -	6 -	12 -	1700

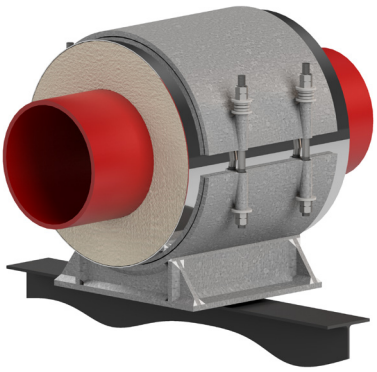
LEGACY DESIGNATION:
HS-5000; HS-5100; HS-5200; HS-5300;
HS-6000; HS-6100; HS-6200; HS-6300

Hot **S**lide (**H**igh Lateral Travel) **C**alcium **S**ilicate



L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"



*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (See Chart) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																			
			1"				1-1/2"				2"				2-1/2"				3"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	140	550	4	2.875	6.5	6.5	4	4	6.5	7	4	5	8.5	7.5	4	6.625	8.5	8.5	6	7.625	10.5	11
3/4"	175	700	4	2.875	6.5	6.5	4	4	6.5	7	4	5	8.5	7.5	4	6.625	8.5	8.5	6	7.625	10.5	11
1"	225	900	4	3.5	6.5	7	4	4.5	6.5	7.5	4	5.563	8.5	8	4	6.625	8.5	8.5	6	7.625	10.5	11
1-1/2"	325	1300	4	4	6.5	7.5	4	5	7	8	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2"	375	1500	4	4.5	6.5	8	4	5.563	7.5	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	460	1800	4	5	7	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	530	2100	4	5.56	7.5	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	840	3350	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	1275	5100	4	8.625	11	12	4	9.625	12	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1700	6800	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	2000	8000	4	12.75	15	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2200	8800	4	15	17.5	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2500	10000	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	2900	11600	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	3200	12800	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	3400	13600	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	3600	14400	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	4700	18800	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	5500	22000	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	6200	24800	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	7100	28400	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	8300	33100	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	8900	35500	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	9800	39000	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	10700	42600	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Calcium Silicate High Lateral Travel

LEGACY DESIGNATION:
HS-5000; HS-5100; HS-5200; HS-5300;
HS-6000; HS-6100; HS-6200; HS-6300

DESIGNATION EXAMPLE

Model No	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load
HS(H)CS -	8 x	3 -	6 -	12 -	1700

Hot **S**lide (**H**igh Lateral Travel) **C**alcium **S**ilicate

IMPERIAL

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			3-1/2"				4"				4-1/2"				5"				5-1/2"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	140	550	6	8.625	10.5	11.5	6	9.625	12.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	175	700	6	8.625	10.5	11.5	6	9.625	12.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	225	900	6	8.625	10.5	11.5	6	9.625	12.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	325	1300	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2"	375	1500	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	460	1800	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	530	2100	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	840	3350	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	1275	5100	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1700	6800	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	2000	8000	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2200	8800	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2500	10000	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	2900	11600	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	3200	12800	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	3400	13600	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	3600	14400	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	4700	18800	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	5500	22000	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	6200	24800	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	7100	28400	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	8300	33100	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
60"	8900	35500	8	67	70	72.5	8	68	71	73	8	69	72	73.5	8	70	73	74	10	71	74	76.5
66"	9800	39000	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	10700	42600	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			6"				6-1/2"				7"				7-1/2"				8"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	140	550	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
3/4"	175	700	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1"	225	900	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1-1/2"	325	1300	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2"	375	1500	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	460	1800	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	530	2100	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	840	3350	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	1275	5100	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1700	6800	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	2000	8000	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2200	8800	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2500	10000	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	2900	11600	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	3200	12800	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	3400	13600	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	3600	14400	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	4700	18800	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	5500	22000	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	6200	24800	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	7100	28400	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	8300	33100	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	8900	35500	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	9800	39000	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	10700	42600	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

IMPERIAL

Calcium Silicate Vertically Restrained Guided

DESIGNATION EXAMPLE

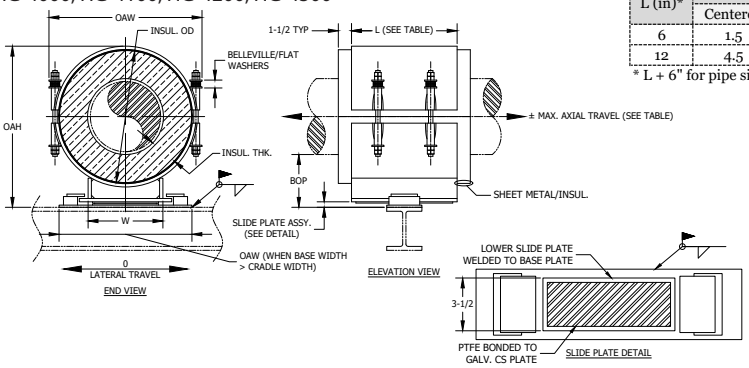
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
HGCS -	8 x	3 -	6 -	12 -	1700 -	595

LEGACY DESIGNATION:

HG-3000; HG-3100; HG-3200; HG-3300;

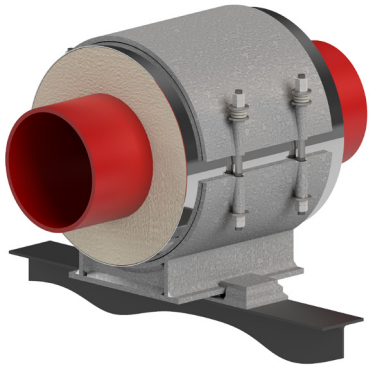
HG-4000; HG-4100; HG-4200; HG-4300

Hot **G**uide **C**alcium **S**ilicate



L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"



*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±⅛ in Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:

1) Dimensions in inches unless noted

2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	**LOW** LOAD OPTION		**HIGH** LOAD OPTION		INSULATION THICKNESS																			
					1"				1-1/2"				2"				2-1/2"				3"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	140	50	550	195	4	2.875	6	6.5	4	4	6	7	4	5	7	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
3/4"	175	65	700	245	4	2.875	6	6.5	4	4	6	7	4	5	7	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
1"	225	80	900	315	4	3.5	6	7	4	4.5	6.5	7.5	4	5.563	7.5	8	4	6.625	8.5	8.5	6	7.625	9.5	11
1-1/2"	325	115	1300	455	4	4	6	7.5	4	5	7	8	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2"	375	135	1500	525	4	4.5	6.5	8	4	5.563	7.5	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	460	165	1800	630	4	5	7	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	530	190	2100	735	4	5.56	7.5	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	840	295	3350	1175	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	1275	450	5100	1785	4	8.625	11	12	4	9.625	12	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1700	595	6800	2380	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	2000	700	8000	2800	4	12.75	15	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2200	770	8800	3080	4	15	17.5	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2500	875	10000	3500	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	2900	1015	11600	4060	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	3200	1120	12800	4480	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	3400	1190	13600	4760	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	3600	1260	14400	5040	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	4700	1645	18800	6580	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	5500	1925	22000	7700	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	6200	2170	24800	8680	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	7100	2485	28400	9940	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	8300	2905	33100	11585	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	8900	3115	35500	12425	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	9800	3430	39000	13650	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	10700	3745	42600	14910	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Calcium Silicate Vertically Restrained Guided

LEGACY DESIGNATION:
HG-3000; HG-3100; HG-3200; HG-3300;
HG-4000; HG-4100; HG-4200; HG-4300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
HGCS	8	3	6	12	1700	595

Hot **G**uide **C**alcium **S**ilicate

IMPERIAL

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					3-1/2"				4"				4-1/2"				5"				5-1/2"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	30	90	45	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	70	35	110	55	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	90	45	140	70	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	140	70	210	105	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2"	170	85	260	130	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	260	130	390	195	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	310	155	470	235	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	400	200	610	305	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	590	295	1340	670	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1100	550	2400	1200	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	1300	650	3100	1550	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2400	1200	6000	3000	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2600	1300	6600	3300	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	3000	1500	7600	3800	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	4400	2200	8500	4250	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	4900	2450	9500	4750	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	5800	2900	17700	8850	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	7300	3650	22100	11050	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	8800	4400	26500	13250	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	17000	8500	31000	15500	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	19600	9800	34600	17300	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	22800	11400	40400	20200	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
60"	24500	12250	43300	21650	8	67	70	72.5	8	68	71	73	8	69	72	73.5	8	70	73	74	10	71	74	76.5
66"	26900	13450	47600	23800	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	29400	14700	52000	26000	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					6"				6-1/2"				7"				7-1/2"				8"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	30	90	45	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
3/4"	70	35	110	55	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1"	90	45	140	70	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1-1/2"	140	70	210	105	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2"	170	85	260	130	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	260	130	390	195	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	310	155	470	235	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	400	200	610	305	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	590	295	1340	670	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1100	550	2400	1200	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	1300	650	3100	1550	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2400	1200	6000	3000	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2600	1300	6600	3300	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	3000	1500	7600	3800	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	4400	2200	8500	4250	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	4900	2450	9500	4750	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	5800	2900	17700	8850	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	7300	3650	22100	11050	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	8800	4400	26500	13250	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	17000	8500	31000	15500	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	19600	9800	34600	17300	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	22800	11400	40400	20200	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	24500	12250	43300	21650	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	26900	13450	47600	23800	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	29400	14700	52000	26000	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

IMPERIAL

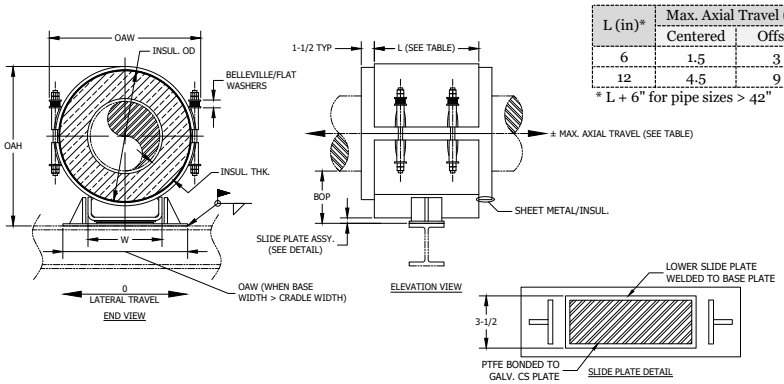
Calcium Silicate Guided

LEGACY DESIGNATION:
HG-7000; HG-7100; HG-7200; HG-7300;
HG-8000; HG-8100; HG-8200; HG-8300

DESIGNATION EXAMPLE

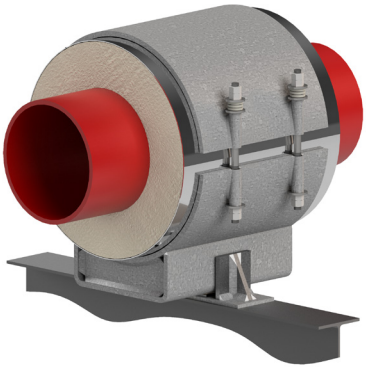
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
HG(L)CS -	8 x	3 -	6 -	12 -	1700 -	850

Hot **G**uide (**L**aterally Restrained) **C**alcium **S**ilicate



L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"



*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±⅛ in Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	**LOW** LOAD OPTION		**HIGH** LOAD OPTION		INSULATION THICKNESS																			
					1"				1-1/2"				2"				2-1/2"				3"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	140	70	550	275	-	-	-	-	4	4	7	7	4	5	7.5	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
3/4"	175	90	700	350	-	-	-	-	4	4	7	7	4	5	7.5	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
1"	225	115	900	450	-	-	-	-	4	4.5	7	7.5	4	5.563	8	8	4	6.625	8.5	8.5	6	7.625	9.5	11
1-1/2"	325	165	1300	650	4	4	7	7.5	4	5	7.5	8	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2"	375	190	1500	750	4	4.5	7	8	4	5.563	8	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	460	230	1800	900	4	5	7.5	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	530	265	2100	1050	4	5.56	8	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	840	420	3350	1675	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	1275	640	5100	2550	4	8.625	12	12	4	9.625	12.5	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1700	850	6800	3400	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	2000	1000	8000	4000	4	12.75	16.5	16.5	4	14	17.5	17	4	15	18	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2200	1100	8800	4400	4	15	18	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2500	1250	10000	5000	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	2900	1450	11600	5800	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	3200	1600	12800	6400	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	3400	1700	13600	6800	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	3600	1800	14400	7200	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	4700	2350	18800	9400	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	5500	2750	22000	11000	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	6200	3100	24800	12400	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	7100	3550	28400	14200	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	8300	4150	33100	16550	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	8900	4450	35500	17750	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	9800	4900	39000	19500	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	10700	5350	42600	21300	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Calcium Silicate Guided

LEGACY DESIGNATION:
HG-7000; HG-7100; HG-7200; HG-7300;
HG-8000; HG-8100; HG-8200; HG-8300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
HG(L)CS -	8 x	3 -	6 -	12 -	1700 -	850

Hot **G**uide (**L**aterally Restrained) **C**alcium **S**ilicate

IMPERIAL

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					3-1/2"				4"				4-1/2"				5"				5-1/2"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	140	70	550	275	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	175	90	700	350	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	225	115	900	450	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	325	165	1300	650	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2"	375	190	1500	750	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	460	230	1800	900	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	530	265	2100	1050	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	840	420	3350	1675	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	1275	640	5100	2550	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1700	850	6800	3400	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	2000	1000	8000	4000	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2200	1100	8800	4400	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2500	1250	10000	5000	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	2900	1450	11600	5800	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	3200	1600	12800	6400	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	3400	1700	13600	6800	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	3600	1800	14400	7200	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	4700	2350	18800	9400	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	5500	2750	22000	11000	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	6200	3100	24800	12400	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	7100	3550	28400	14200	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	8300	4150	33100	16550	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
60"	8900	4450	35500	17750	8	67	70	72.5	8	68	71	73	8	69	72	73.5	8	70	73	74	10	71	74	76.5
66"	9800	4900	39000	19500	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	10700	5350	42600	21300	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					6"				6-1/2"				7"				7-1/2"				8"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)
1/2"	140	70	550	275	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
3/4"	175	90	700	350	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1"	225	115	900	450	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1-1/2"	325	165	1300	650	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2"	375	190	1500	750	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	460	230	1800	900	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	530	265	2100	1050	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	840	420	3350	1675	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	1275	640	5100	2550	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1700	850	6800	3400	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	2000	1000	8000	4000	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2200	1100	8800	4400	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2500	1250	10000	5000	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	2900	1450	11600	5800	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	3200	1600	12800	6400	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	3400	1700	13600	6800	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	3600	1800	14400	7200	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	4700	2350	18800	9400	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	5500	2750	22000	11000	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	6200	3100	24800	12400	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	7100	3550	28400	14200	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	8300	4150	33100	16550	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	8900	4450	35500	17750	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	9800	4900	39000	19500	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	10700	5350	42600	21300	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

IMPERIAL

Calcium Silicate Anchor

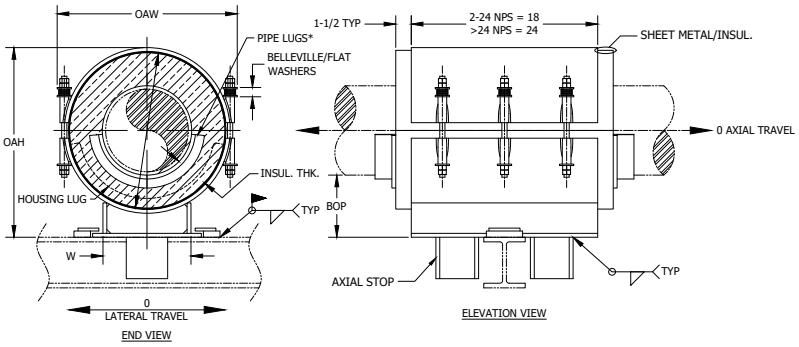
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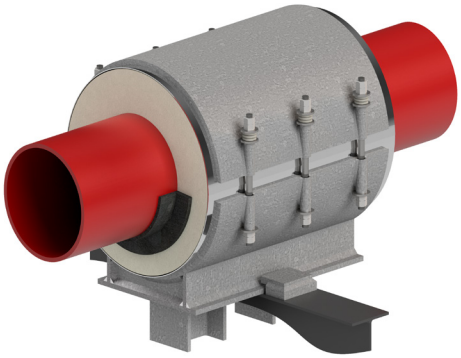
HA-4000; HA-4100; HA-4200; HA-4300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load	Axial Load
HACS -	8 x	3 -	6 -	18 -	1700 -	595 -	3020

Hot **A**nchor **C**alcium **S**ilicate





* - Pipe lugs to be compatible with process pipe material.

*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Pipe Size	L (in)	Base Length
< 14"	12	18
≥ 14"	18	18

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- Patented anchor system allows increased load carrying capability and decreased heat transfer
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Axial Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:

1) Dimensions in inches unless noted

2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							1"				1-1/2"				2"				2-1/2"				3"			
	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
2"	360	130	730	1640	575	2460	4	4.5	6.5	8	4	5.563	7.5	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	440	155	890	1980	695	2980	4	5	7	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	530	190	1400	2420	850	3620	4	5.56	7.5	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	840	295	1730	3110	1090	4660	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	1275	450	2400	4570	1600	6860	4	8.625	11	12	4	9.625	12	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1700	595	3020	5950	2085	8930	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	2000	700	3700	7420	2600	11130	4	12.75	15	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2200	770	4320	8800	3080	13200	4	15	17.5	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2500	875	4700	10000	3500	15000	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	2900	1015	5340	11600	4060	17400	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	3200	1120	5970	12800	4480	19200	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	3400	1190	6600	13600	4760	20400	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	3600	1260	7850	14400	5040	21600	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	4700	1645	9740	18800	6580	28200	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	5500	1925	11600	22000	7700	33000	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	6200	2170	13500	24800	8680	37200	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	7100	2485	15460	28400	9940	61830	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	8300	2905	18070	33100	11585	72060	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	8900	3115	19380	35500	12425	77290	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	9800	3430	21340	39000	13650	84910	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	10700	3745	23300	42600	14910	92750	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Calcium Silicate Anchor

LEGACY DESIGNATION:
HA-4000; HA-4100; HA-4200; HA-4300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load	Axial Load
HACS -	8 x	3 -	6 -	18 -	1700 -	595 -	3020

Hot **A**nchor **C**alcium **S**ilicate

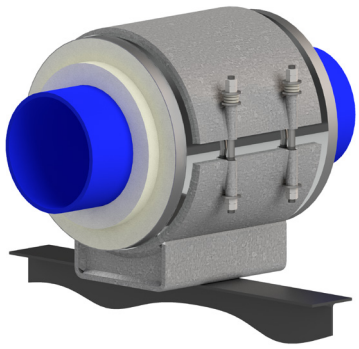
IMPERIAL

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																	
							3-1/2"				4"				4-1/2"				5"				5-1/2"			
	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
2"	360	130	730	1640	575	2460	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	440	155	890	1980	695	2980	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	530	190	1400	2420	850	3620	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	840	295	1730	3110	1090	4660	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	1275	450	2400	4570	1600	6860	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1700	595	3020	5950	2085	8930	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	2000	700	3700	7420	2600	11130	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2200	770	4320	8800	3080	13200	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2500	875	4700	10000	3500	15000	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	2900	1015	5340	11600	4060	17400	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	3200	1120	5970	12800	4480	19200	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	3400	1190	6600	13600	4760	20400	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	3600	1260	7850	14400	5040	21600	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	4700	1645	9740	18800	6580	28200	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	5500	1925	11600	22000	7700	33000	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	6200	2170	13500	24800	8680	37200	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	7100	2485	15460	28400	9940	61830	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	8300	2905	18070	33100	11585	72060	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
60"	8900	3115	19380	35500	12425	77290	8	67	70	72.5	8	68	71	73	8	69	72	73.5	8	70	73	74	10	71	74	76.5
66"	9800	3430	21340	39000	13650	84910	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	10700	3745	23300	42600	14910	92750	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

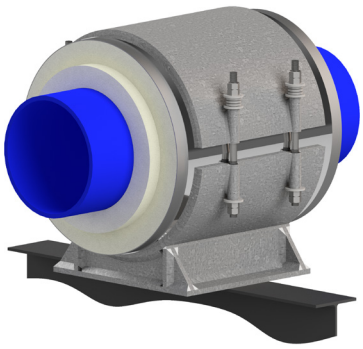
PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																	
							6"				6-1/2"				7"				7-1/2"				8"			
	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
2"	360	130	730	1640	575	2460	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	440	155	890	1980	695	2980	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	530	190	1400	2420	850	3620	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	840	295	1730	3110	1090	4660	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	1275	450	2400	4570	1600	6860	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1700	595	3020	5950	2085	8930	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	2000	700	3700	7420	2600	11130	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2200	770	4320	8800	3080	13200	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2500	875	4700	10000	3500	15000	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	2900	1015	5340	11600	4060	17400	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	3200	1120	5970	12800	4480	19200	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	3400	1190	6600	13600	4760	20400	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	3600	1260	7850	14400	5040	21600	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	4700	1645	9740	18800	6580	28200	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	5500	1925	11600	22000	7700	33000	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	6200	2170	13500	24800	8680	37200	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	7100	2485	15460	28400	9940	61830	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	8300	2905	18070	33100	11585	72060	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	8900	3115	19380	35500	12425	77290	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	9800	3430	21340	39000	13650	84910	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	10700	3745	23300	42600	14910	92750	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

Sleeve Polyurethane Supports

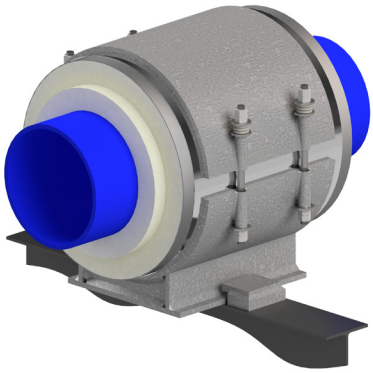
Polyurethane Sleeve Overview



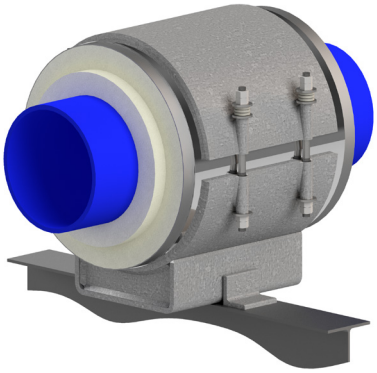
Polyurethane
Resting



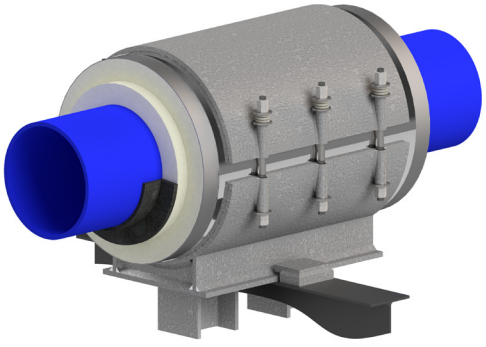
Polyurethane
High Lateral Travel



Polyurethane
Vertically Restrained Guided



Polyurethane
Guided



Polyurethane
Anchor

IMPERIAL

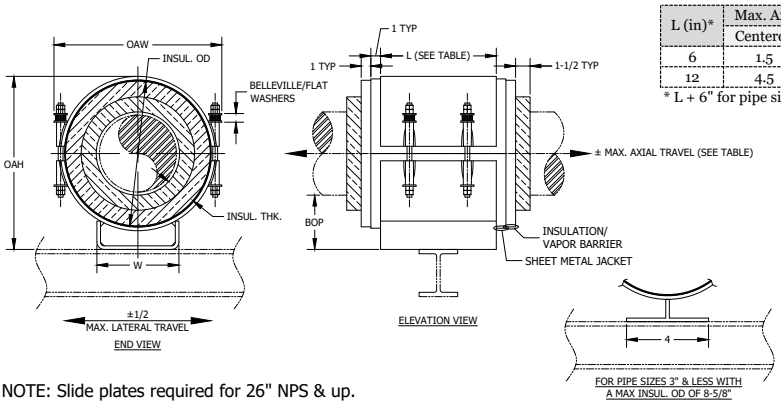
Polyurethane Resting

LEGACY DESIGNATION:
CS-1000; CS-1100;
CS-2000; CS-2100

DESIGNATION EXAMPLE

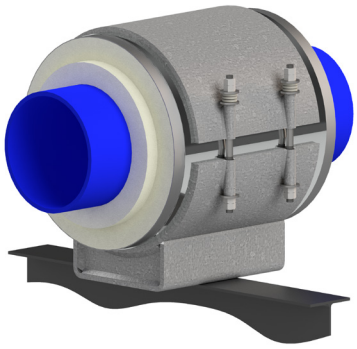
Model No.	Nominal Pipe Size		Insulation Thickness		BOP (in)		Support Length		Vertical Load
CSPF	- 8	x	3	-	6	-	12	-	1100

Cold **S**lide **P**olyurethane **F**oam



L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"



NOTE: Slide plates required for 26" NPS & up.

*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (±½ in Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																			
			1"				1-1/2"				2"				2-1/2"				3"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	90	4	2.875	4.5	6.5	4	4	6	7	4	5	7	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
3/4"	70	110	4	2.875	4.5	6.5	4	4	6	7	4	5	7	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
1"	90	140	4	3.5	5.5	7	4	4.5	6.5	7.5	4	5.563	7.5	8	4	6.625	8.5	8.5	6	7.625	9.5	11
1-1/2"	140	210	4	4	6	7.5	4	5	7	8	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2"	170	260	4	4.5	6.5	8	4	5.563	7.5	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	260	390	4	5	7	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	310	470	4	5.56	7.5	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	400	610	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	590	1340	4	8.625	11	12	4	9.625	12	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1100	2400	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	1300	3100	4	12.75	15	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2400	6000	4	15	17.5	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2600	6600	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	3000	7600	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	4400	8500	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	4900	9500	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	5800	17700	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	7300	22100	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	8800	26500	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	17000	31000	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	19600	34600	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	22800	40400	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	24500	43300	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	26900	47600	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	29400	52000	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Polyurethane Resting

LEGACY DESIGNATION:
CS-1000; CS-1100;
CS-2000; CS-2100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load
CSPF -	8 x	3 -	6 -	12 -	1100

Cold **S**lide **P**olyurethane **F**oam

IMPERIAL

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			3-1/2"				4"				4-1/2"				5"				5-1/2"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	90	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	70	110	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	90	140	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	140	210	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2"	170	260	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	260	390	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	310	470	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	400	610	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	590	1340	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1100	2400	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	1300	3100	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2400	6000	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2600	6600	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	3000	7600	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	4400	8500	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	4900	9500	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	5800	17700	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	7300	22100	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	8800	26500	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	17000	31000	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	19600	34600	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	22800	40400	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
60"	24500	43300	8	67	70	72.5	8	68	71	73	8	69	72	73.5	8	70	73	74	10	71	74	76.5
66"	26900	47600	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	29400	52000	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			6"				6-1/2"				7"				7-1/2"				8"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	90	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
3/4"	70	110	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1"	90	140	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1-1/2"	140	210	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2"	170	260	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	260	390	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	310	470	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	400	610	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	590	1340	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1100	2400	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	1300	3100	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2400	6000	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2600	6600	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	3000	7600	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	4400	8500	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	4900	9500	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	5800	17700	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	7300	22100	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	8800	26500	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	17000	31000	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	19600	34600	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	22800	40400	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	24500	43300	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	26900	47600	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	29400	52000	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

IMPERIAL

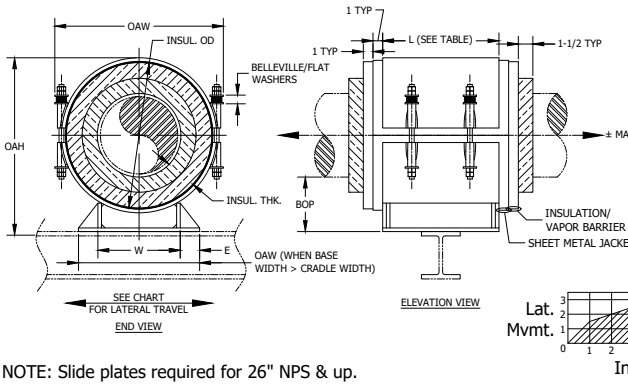
Polyurethane High Lateral Travel

LEGACY DESIGNATION:
CS-5000; CS-5100;
CS-6000; CS-6100

DESIGNATION EXAMPLE

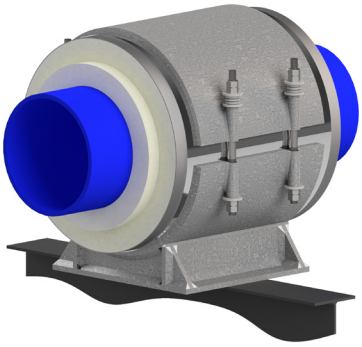
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load
CS(H)PF -	8 x	3 -	6 -	12 -	1100

Cold **S**lide (**H**igh Lateral Travel) **P**olyurethane **F**oam



L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"



NOTE: Slide plates required for 26" NPS & up.

*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (See Chart) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																			
			1"				1-1/2"				2"				2-1/2"				3"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	90	4	2.875	6.5	6.5	4	4	6.5	7	4	5	8.5	7.5	4	6.625	8.5	8.5	6	7.625	10.5	11
3/4"	70	110	4	2.875	6.5	6.5	4	4	6.5	7	4	5	8.5	7.5	4	6.625	8.5	8.5	6	7.625	10.5	11
1"	90	140	4	3.5	6.5	7	4	4.5	6.5	7.5	4	5.563	8.5	8	4	6.625	8.5	8.5	6	7.625	10.5	11
1-1/2"	140	210	4	4	6.5	7.5	4	5	7	8	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2"	170	260	4	4.5	6.5	8	4	5.563	7.5	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	260	390	4	5	7	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	310	470	4	5.56	7.5	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	400	610	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	590	1340	4	8.625	11	12	4	9.625	12	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1100	2400	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	1300	3100	4	12.75	15	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2400	6000	4	15	17.5	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2600	6600	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	3000	7600	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	4400	8500	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	4900	9500	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	5800	17700	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	7300	22100	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	8800	26500	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	17000	31000	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	19600	34600	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	22800	40400	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	24500	43300	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	26900	47600	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	29400	52000	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Polyurethane High Lateral Travel

LEGACY DESIGNATION:
CS-5000; CS-5100;
CS-6000; CS-6100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load
CS(H)PF-	8 x	3 -	6 -	12 -	1100

Cold **S**lide (**H**igh Lateral Travel) **P**olyurethane **F**oam

IMPERIAL

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			3-1/2"				4"				4-1/2"				5"				5-1/2"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	90	6	8.625	10.5	11.5	6	9.625	12.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	70	110	6	8.625	10.5	11.5	6	9.625	12.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	90	140	6	8.625	10.5	11.5	6	9.625	12.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	140	210	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2"	170	260	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	260	390	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	310	470	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	400	610	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	590	1340	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1100	2400	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	1300	3100	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2400	6000	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2600	6600	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	3000	7600	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	4400	8500	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	4900	9500	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	5800	17700	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	7300	22100	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	8800	26500	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	17000	31000	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	19600	34600	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	22800	40400	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
60"	24500	43300	8	67	70	72.5	8	68	71	73	8	69	72	73.5	8	70	73	74	10	71	74	76.5
66"	26900	47600	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	29400	52000	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

PIPE SIZE	LOW VERT. LOAD (lbs)	HIGH VERT. LOAD (lbs)	INSULATION THICKNESS																	
			6"				6-1/2"				7"				7-1/2"				8"			
			BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	90	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
3/4"	70	110	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1"	90	140	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1-1/2"	140	210	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2"	170	260	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	260	390	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	310	470	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	400	610	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	590	1340	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1100	2400	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	1300	3100	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2400	6000	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2600	6600	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	3000	7600	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	4400	8500	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	4900	9500	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	5800	17700	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	7300	22100	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	8800	26500	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	17000	31000	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	19600	34600	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	22800	40400	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	24500	43300	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	26900	47600	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	29400	52000	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

IMPERIAL

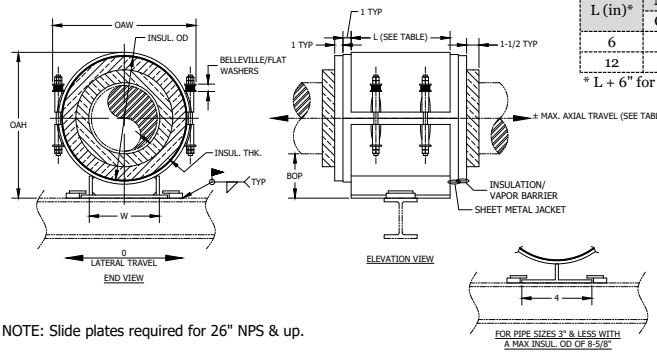
Polyurethane Vertically Restrained Guided

LEGACY DESIGNATION:
CG-3000; CG-3100;
CG-4000; CG-4100

DESIGNATION EXAMPLE

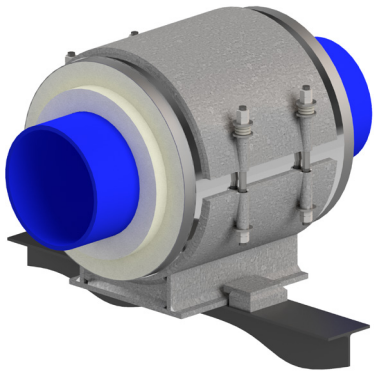
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
CGPF	8	3	6	12	1100	500

Cold **G**uide **P**olyurethane **F**oam



L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"



NOTE: Slide plates required for 26" NPS & up.

*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±⅛ in Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	**LOW** LOAD OPTION		**HIGH** LOAD OPTION		INSULATION THICKNESS																			
					1"				1-1/2"				2"				2-1/2"				3"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	30	90	45	4	2.875	6	6.5	4	4	6	7	4	5	7	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
3/4"	70	35	110	55	4	2.875	6	6.5	4	4	6	7	4	5	7	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
1"	90	45	140	70	4	3.5	6	7	4	4.5	6.5	7.5	4	5.563	7.5	8	4	6.625	8.5	8.5	6	7.625	9.5	11
1-1/2"	140	70	210	105	4	4	6	7.5	4	5	7	8	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2"	170	85	260	130	4	4.5	6.5	8	4	5.563	7.5	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	260	130	390	195	4	5	7	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	310	155	470	235	4	5.56	7.5	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	400	200	610	305	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	590	295	1340	670	4	8.625	11	12	4	9.625	12	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1100	550	2400	1200	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	1300	650	3100	1550	4	12.75	15	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2400	1200	6000	3000	4	15	17.5	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2600	1300	6600	3300	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	3000	1500	7600	3800	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	4400	2200	8500	4250	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	4900	2450	9500	4750	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	5800	2900	17700	8850	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	7300	3650	22100	11050	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	8800	4400	26500	13250	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	17000	8500	31000	15500	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	19600	9800	34600	17300	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	22800	11400	40400	20200	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	24500	12250	43300	21650	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	26900	13450	47600	23800	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	29400	14700	52000	26000	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Polyurethane Vertically Restrained Guided

LEGACY DESIGNATION:
CG-3000; CG-3100;
CG-4000; CG-4100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
CGPF	8 x	3	6	12	1100	500

Cold **G**uide **P**olyurethane **F**oam

IMPERIAL

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					3-1/2"				4"				4-1/2"				5"				5-1/2"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)
1/2"	60	30	90	45	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	70	35	110	55	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	90	45	140	70	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	140	70	210	105	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2"	170	85	260	130	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	260	130	390	195	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	310	155	470	235	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	400	200	610	305	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	590	295	1340	670	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1100	550	2400	1200	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	1300	650	3100	1550	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2400	1200	6000	3000	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2600	1300	6600	3300	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	3000	1500	7600	3800	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	4400	2200	8500	4250	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	4900	2450	9500	4750	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	5800	2900	17700	8850	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	7300	3650	22100	11050	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	8800	4400	26500	13250	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	17000	8500	31000	15500	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	19600	9800	34600	17300	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	22800	11400	40400	20200	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
60"	24500	12250	43300	21650	8	67	70	72.5	8	68	71	73	8	69	72	73.5	8	70	73	74	10	71	74	76.5
66"	26900	13450	47600	23800	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	29400	14700	52000	26000	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					6"				6-1/2"				7"				7-1/2"				8"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)
1/2"	60	30	90	45	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
3/4"	70	35	110	55	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1"	90	45	140	70	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1-1/2"	140	70	210	105	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2"	170	85	260	130	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	260	130	390	195	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	310	155	470	235	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	400	200	610	305	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	590	295	1340	670	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1100	550	2400	1200	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	1300	650	3100	1550	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2400	1200	6000	3000	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2600	1300	6600	3300	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	3000	1500	7600	3800	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	4400	2200	8500	4250	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	4900	2450	9500	4750	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	5800	2900	17700	8850	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	7300	3650	22100	11050	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	8800	4400	26500	13250	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	17000	8500	31000	15500	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	19600	9800	34600	17300	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	22800	11400	40400	20200	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	24500	12250	43300	21650	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	26900	13450	47600	23800	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	29400	14700	52000	26000	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

IMPERIAL

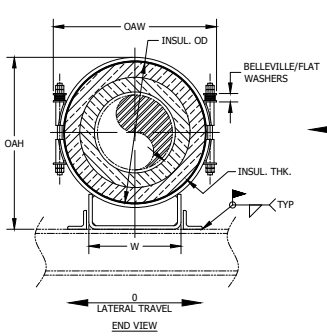
Polyurethane Guided

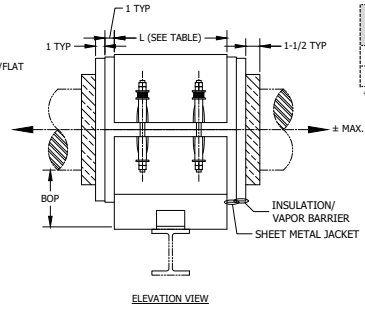
LEGACY DESIGNATION:
CG-7000; CG-7100;
CG-8000; CG-8100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
CG(L)PF -	8 x	30 -	4 -	12 -	4335 -	2170

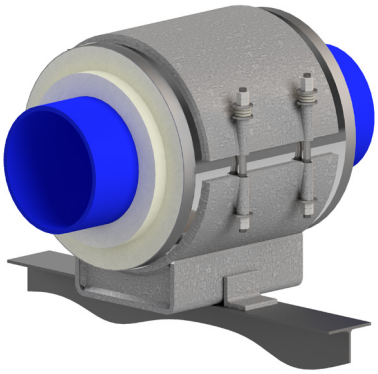
Cold **G**uide (**L**aterally Restrained) **P**olyurethane **F**oam





L (in)*	Max. Axial Travel (in)	
	Centered	Offset
6	1.5	3
12	4.5	9

* L + 6" for pipe sizes > 42"



NOTE: Slide plates required for 26" NPS & up.
*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±⅛ in Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	**LOW** LOAD OPTION		**HIGH** LOAD OPTION		INSULATION THICKNESS																			
					1"				1-1/2"				2"				2-1/2"				3"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	30	90	45	-	-	-	-	4	4	7	7	4	5	7.5	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
3/4"	70	35	110	55	-	-	-	-	4	4	7	7	4	5	7.5	7.5	4	6.625	8.5	8.5	6	7.625	9.5	11
1"	90	45	140	70	-	-	-	-	4	4.5	7	7.5	4	5.563	8	8	4	6.625	8.5	8.5	6	7.625	9.5	11
1-1/2"	140	70	210	105	4	4	7	7.5	4	5	7.5	8	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2"	170	85	260	130	4	4.5	7	8	4	5.563	8	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	260	130	390	195	4	5	7.5	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	310	155	470	235	4	5.56	8	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	400	200	610	305	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	590	295	1340	670	4	8.625	12	12	4	9.625	12.5	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1100	550	2400	1200	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	1300	650	3100	1550	4	12.75	16.5	16.5	4	14	17.5	17	4	15	18	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2400	1200	6000	3000	4	15	18	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2600	1300	6600	3300	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	3000	1500	7600	3800	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	4400	2200	8500	4250	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	4900	2450	9500	4750	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	5800	2900	17700	8850	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	7300	3650	22100	11050	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	8800	4400	26500	13250	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	17000	8500	31000	15500	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	19600	9800	34600	17300	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	22800	11400	40400	20200	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	24500	12250	43300	21650	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	26900	13450	47600	23800	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	29400	14700	52000	26000	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Polyurethane Guided

LEGACY DESIGNATION:
CG-7000; CG-7100;
CG-8000; CG-8100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load
CG(L)PF -	8 x	30 -	4 -	12 -	4335 -	2170

Cold **G**uide (**L**aterally Restrained) **P**olyurethane **F**oam

IMPERIAL

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					3-1/2"				4"				4-1/2"				5"				5-1/2"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	30	90	45	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
3/4"	70	35	110	55	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1"	90	45	140	70	6	8.625	10.5	11.5	6	9.625	11.5	12	6	10.75	12.5	12.5	8	11.75	13.5	15	8	12.75	14.5	15.5
1-1/2"	140	70	210	105	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2"	170	85	260	130	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	260	130	390	195	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	310	155	470	235	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	400	200	610	305	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	590	295	1340	670	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1100	550	2400	1200	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	1300	650	3100	1550	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2400	1200	6000	3000	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2600	1300	6600	3300	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	3000	1500	7600	3800	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	4400	2200	8500	4250	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	4900	2450	9500	4750	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	5800	2900	17700	8850	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	7300	3650	22100	11050	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	8800	4400	26500	13250	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	17000	8500	31000	15500	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	19600	9800	34600	17300	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	22800	11400	40400	20200	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
60"	24500	12250	43300	21650	8	67	70	72.5	8	68	71	73	8	69	72	73.5	8	70	73	74	10	71	74	76.5
66"	26900	13450	47600	23800	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	29400	14700	52000	26000	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					6"				6-1/2"				7"				7-1/2"				8"			
	VERT. (lbs)	LAT. (lbs)	VERT. (lbs)	LAT. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	60	30	90	45	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
3/4"	70	35	110	55	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1"	90	45	140	70	8	14	16	16	8	15	17	16.5	10	16	18	19	10	17	19	19.5	10	18	20	20
1-1/2"	140	70	210	105	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2"	170	85	260	130	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	260	130	390	195	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	310	155	470	235	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	400	200	610	305	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	590	295	1340	670	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1100	550	2400	1200	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	1300	650	3100	1550	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2400	1200	6000	3000	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2600	1300	6600	3300	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	3000	1500	7600	3800	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	4400	2200	8500	4250	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	4900	2450	9500	4750	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	5800	2900	17700	8850	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	7300	3650	22100	11050	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	8800	4400	26500	13250	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	17000	8500	31000	15500	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	19600	9800	34600	17300	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	22800	11400	40400	20200	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	24500	12250	43300	21650	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	26900	13450	47600	23800	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	29400	14700	52000	26000	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

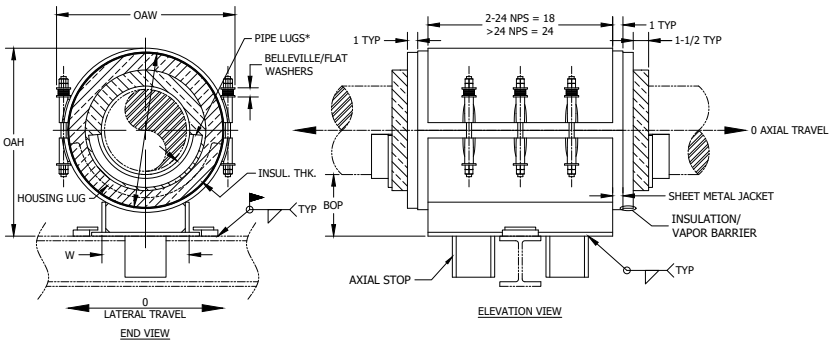
Polyurethane Anchor

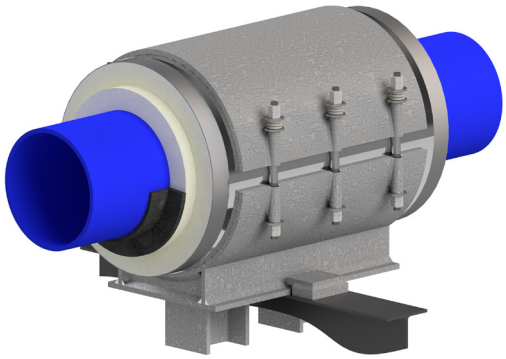
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size		Insulation Thickness		BOP (in)		Support Length		Vertical Load		Lateral Load		Axial Load
CAPF	- 8	x	3	-	6	-	12	-	2400	-	1200	-	1860

LEGACY DESIGNATION:
CA-4000; CA-4100

Cold **A**nchor **P**olyurethane **F**oam





* - Pipe anchor box to be compatible with process pipe material.
*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

Pipe Size	L (in)	Base Length
< 14"	12	18
≥ 14"	18	18

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Axial Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																	
							1"				1-1/2"				2"				2-1/2"				3"			
	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
2"	170	85	160	260	130	550	4	4.5	6.5	8	4	5.563	7.5	8.5	4	6.625	8.5	9	4	7.625	9.5	9.5	6	8.625	10.5	12
2-1/2"	260	130	180	390	195	760	4	5	7	8.5	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
3"	310	155	200	470	235	650	4	5.56	7.5	9	4	6.625	8.5	9.5	4	7.625	9.5	10	4	8.625	10.5	10.5	6	9.625	11.5	13
4"	400	200	250	610	305	760	4	6.625	8.5	10	4	7.625	9.5	10.5	4	8.625	10.5	11	4	9.625	11.5	11.5	6	10.75	12.5	14
6"	590	295	280	1340	670	1510	4	8.625	11	12	4	9.625	12	12.5	4	10.75	13	13.5	4	11.75	14	14	6	12.75	15	16.5
8"	1100	550	460	2400	1200	1860	4	10.75	13	14.5	4	11.75	14	15	4	12.75	15	15.5	6	14	16.5	18	6	15	17.5	18.5
10"	1300	650	630	3100	1550	2370	4	12.75	15	16.5	4	14	16.5	17	4	15	17.5	17.5	6	16	18.5	20	6	17	19.5	20.5
12"	2400	1200	1100	6000	3000	4570	4	15	17.5	18.5	4	16	18.5	19	4	17	19.5	19.5	6	18	20.5	22	6	19	21.5	22.5
14"	2600	1300	1190	6600	3300	4750	4	16	18.5	19.5	4	17	19.5	20	4	18	20.5	20.5	6	19	21.5	23	6	20	22.5	23.5
16"	3000	1500	1370	7600	3800	4910	4	18	20.5	21.5	4	19	21.5	22	6	20	22.5	24.5	6	21	23.5	25	6	22	24.5	25.5
18"	4400	2200	1800	8500	4250	5460	4	20	23	23.5	4	21	24	24	6	22	25	26.5	6	23	26	27	6	24	27	27.5
20"	4900	2450	1980	9500	4750	6010	4	22	25	25.5	4	23	26	26	6	24	27	28.5	6	25	28	29	6	26	29	29.5
24"	5800	2900	2350	17700	8850	12910	4	26	29	30	4	27	30	30.5	6	28	31	33	6	29	32	33.5	6	30	33	34
30"	7300	3650	2900	22100	11050	15890	4	32	35	36	6	33	36	38.5	6	34	37	39	6	35	38	39.5	6	36	39	40
36"	8800	4400	3460	26500	13250	18870	4	38	41	42	6	39	42	44.5	6	40	43	45	6	41	44	45.5	6	42	45	46
42"	17000	8500	6680	31000	15500	21840	4	44	47	48	6	45	48	50.5	6	46	49	51	6	47	50	51.5	6	48	51	52
48"	19600	9800	8160	34600	17300	22700	4	50	53	54	6	51	54	56.5	6	52	55	57	6	53	56	57.5	6	54	57	58
56"	22800	11400	9470	40400	20200	25380	4	58	61	62	6	59	62	64.5	6	60	63	65	6	61	64	65.5	6	62	65	66
60"	24500	12250	10110	43300	21650	26170	4	62	65	66	6	63	66	68.5	6	64	67	69	6	65	68	69.5	6	66	69	70
66"	26900	13450	11100	47600	23800	26610	4	68	71	71	6	69	72	73.5	6	70	73	74	6	71	74	74.5	6	72	75	75
72"	29400	14700	12100	52000	26000	26700	4	74	77	78	6	75	78	80.5	6	76	79	81	6	77	80	81.5	6	78	81	82

Polyurethane Anchor

LEGACY DESIGNATION:
CA-4000; CA-4100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (in)	Support Length	Vertical Load	Lateral Load	Axial Load
CAPF -	8 x	3 -	6 -	12 -	2400 -	1200 -	1860

Cold **A**nchor **P**olyurethane **F**oam

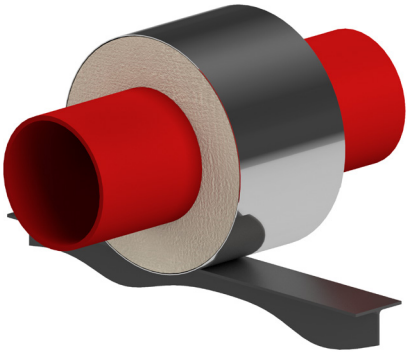
IMPERIAL

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																	
							3-1/2"				4"				4-1/2"				5"				5-1/2"			
	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
2"	170	85	160	260	130	550	6	9.625	11.5	12.5	6	10.75	12.5	13	6	11.75	13.5	13.5	8	12.75	14.5	16	8	14	16	16.5
2-1/2"	260	130	180	390	195	760	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17	8	15	17	17.5
3"	310	155	200	470	235	650	6	10.75	12.5	13.5	6	11.75	13.5	14	6	12.75	14.5	14.5	8	14	16	17.5	8	15	17	18
4"	400	200	250	610	305	760	6	11.75	13.5	14.5	6	12.75	14.5	15	6	14	16	16	8	15	17	18.5	8	16	18	19
6"	590	295	280	1340	670	1510	6	14	16.5	17	6	15	17.5	17.5	6	16	18.5	18	8	17	19.5	20.5	8	18	20.5	21
8"	1100	550	460	2400	1200	1860	6	16	18.5	19	6	17	19.5	19.5	8	18	20.5	22	8	19	21.5	22.5	8	20	22.5	23
10"	1300	650	630	3100	1550	2370	6	18	20.5	21	6	19	21.5	21.5	8	20	22.5	24	8	21	23.5	24.5	8	22	24.5	25
12"	2400	1200	1100	6000	3000	4570	6	20	22.5	23	6	21	23.5	23.5	8	22	24.5	26	8	23	25.5	26.5	8	24	26.5	27
14"	2600	1300	1190	6600	3300	4750	6	21	23.5	24	6	22	24.5	24.5	8	23	25.5	27	8	24	26.5	27.5	8	25	27.5	28
16"	3000	1500	1370	7600	3800	4910	6	23	25.5	26	8	24	26.5	28.5	8	25	27.5	29	8	26	28.5	29.5	8	27	29.5	30
18"	4400	2200	1800	8500	4250	5460	6	25	28	28	8	26	29	30.5	8	27	30	31	8	28	31	31.5	8	29	32	32
20"	4900	2450	1980	9500	4750	6010	6	27	30	30	8	28	31	32.5	8	29	32	33	8	30	33	33.5	8	31	34	34
24"	5800	2900	2350	17700	8850	12910	6	31	34	34.5	8	32	35	37	8	33	36	37.5	8	34	37	38	8	35	38	38.5
30"	7300	3650	2900	22100	11050	15890	8	37	40	42.5	8	38	41	43	8	39	42	43.5	8	40	43	44	10	41	44	46.5
36"	8800	4400	3460	26500	13250	18870	8	43	46	48.5	8	44	47	49	8	45	48	49.5	8	46	49	50	10	47	50	52.5
42"	17000	8500	6680	31000	15500	21840	8	49	52	54.5	8	50	53	55	8	51	54	55.5	8	52	55	56	10	53	56	58.5
48"	19600	9800	8160	34600	17300	22700	8	55	58	60.5	8	56	59	61	8	57	60	61.5	8	58	61	62	10	59	62	64.5
56"	22800	11400	9470	40400	20200	25380	8	63	66	68.5	8	64	67	69	8	65	68	69.5	8	66	69	70	10	67	70	72.5
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66"	26900	13450	11100	47600	23800	26610	8	73	76	77.5	8	74	77	78	8	75	78	78.5	8	76	79	79	10	77	80	81.5
72"	29400	14700	12100	52000	26000	26700	8	79	82	84.5	8	80	83	85	8	81	84	85.5	8	82	85	86	10	83	86	88.5

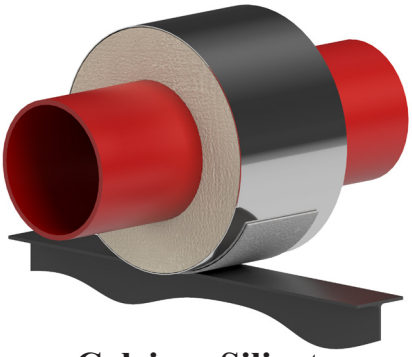
PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																	
							6"				6-1/2"				7"				7-1/2"				8"			
	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	VERT. (lbs)	LAT. (lbs)	AXI. (lbs)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL OD (in)	OAW (in)	OAH (in)
2"	170	85	160	260	130	550	8	15	17	17	8	16	18	17.5	10	17	19	20	10	18	20	20.5	10	19	21	21
2-1/2"	260	130	180	390	195	760	8	16	18	18	8	17	19	18.5	10	18	20	21	10	19	21	21.5	10	20	22	22
3"	310	155	200	470	235	650	8	16	18	18.5	8	17	19	19	10	18	20	21.5	10	19	21	22	10	20	22	22.5
4"	400	200	250	610	305	760	8	17	19	19.5	8	18	20	20	10	19	21	22.5	10	20	22	23	10	21	23	23.5
6"	590	295	280	1340	670	1510	8	19	21.5	21.5	8	20	22.5	22	10	21	23.5	24.5	10	22	24.5	25	10	23	25.5	25.5
8"	1100	550	460	2400	1200	1860	8	21	23.5	23.5	10	22	24.5	26	10	23	25.5	26.5	10	24	26.5	27	10	25	27.5	27.5
10"	1300	650	630	3100	1550	2370	8	23	25.5	25.5	10	24	26.5	28	10	25	27.5	28.5	10	26	28.5	29	10	27	29.5	29.5
12"	2400	1200	1100	6000	3000	4570	8	25	27.5	27.5	10	26	28.5	30	10	27	29.5	30.5	10	28	30.5	31	10	29	31.5	31.5
14"	2600	1300	1190	6600	3300	4750	8	26	28.5	28.5	10	27	29.5	31	10	28	30.5	31.5	10	29	31.5	32	10	30	32.5	32.5
16"	3000	1500	1370	7600	3800	4910	10	28	30.5	32.5	10	29	31.5	33	10	30	32.5	33.5	10	31	33.5	34	12	32	34.5	36.5
18"	4400	2200	1800	8500	4250	5460	10	30	33	34.5	10	31	34	35	10	32	35	35.5	10	33	36	36	12	34	37	38.5
20"	4900	2450	1980	9500	4750	6010	10	32	35	36.5	10	33	36	37	10	34	37	37.5	10	35	38	38	12	36	39	40.5
24"	5800	2900	2350	17700	8850	12910	10	36	39	41	10	37	40	41.5	10	38	41	42	10	39	42	42.5	12	40	43	45
30"	7300	3650	2900	22100	11050	15890	10	42	45	47	10	43	46	47.5	10	44	47	48	12	45	48	50.5	12	46	49	51
36"	8800	4400	3460	26500	13250	18870	10	48	51	53	10	49	52	53.5	10	50	53	54	12	51	54	56.5	12	52	55	57
42"	17000	8500	6680	31000	15500	21840	10	54	57	59	10	55	58	59.5	10	56	59	60	12	57	60	62.5	12	58	61	63
48"	19600	9800	8160	34600	17300	22700	10	60	63	65	10	61	64	65.5	10	62	65	66	12	63	66	68.5	12	64	67	69
56"	22800	11400	9470	40400	20200	25380	10	68	71	73	10	69	72	73.5	10	70	73	74	12	71	74	76.5	12	72	75	77
60"	24500	12250	10110	43300	21650	26170	10	72	75	77	10	73	76	77.5	10	74	77	78	12	75	78	80.5	12	76	79	81
66"	26900	13450	11100	47600	23800	26610	10	78	81	82	10	79	82	82.5	10	80	83	83	12	81	84	85.5	12	82	85	86
72"	29400	14700	12100	52000	26000	26700	10	84	87	89	10	85	88	89.5	10	86	89	90	12	87	90	92.5	12	88	91	93

Specialty Calcium Silicate Supports

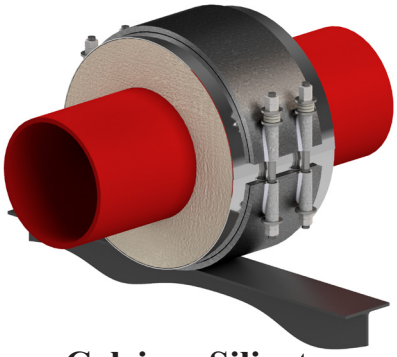
Calcium Silicate Specialty Overview



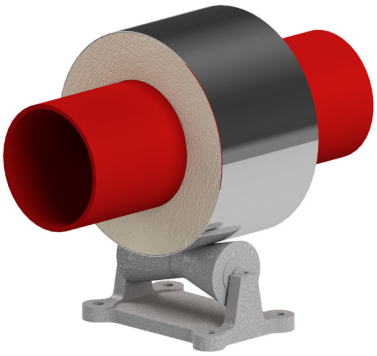
Calcium Silicate
Flat (Low Load)



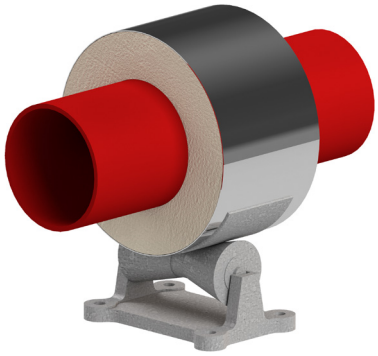
Calcium Silicate
Flat (Medium Load)



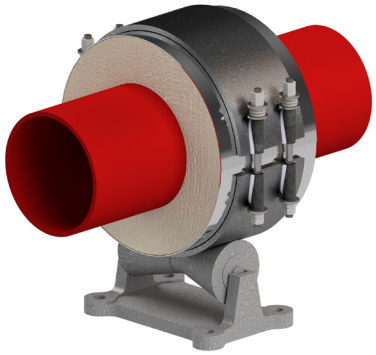
Calcium Silicate
Flat (High Load)



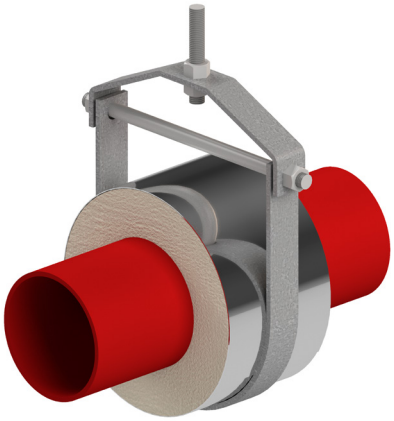
Calcium Silicate
Roller (Low Load)

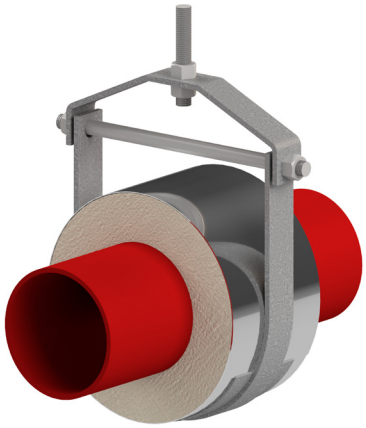


Calcium Silicate
Roller (Medium Load)



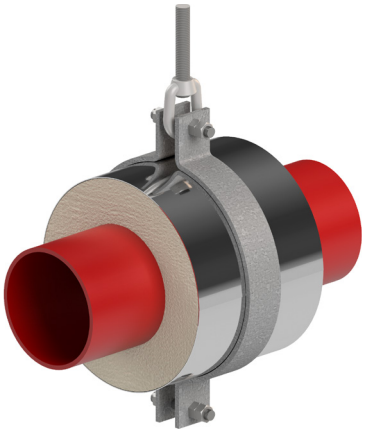
Calcium Silicate
Roller (High Load)



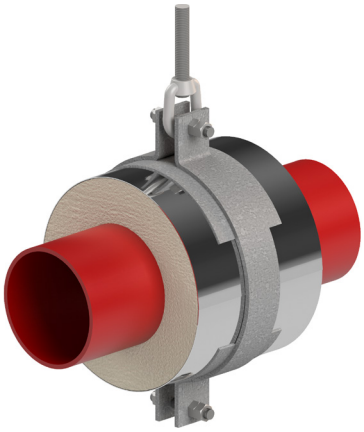


Calcium Silicate
Clevis

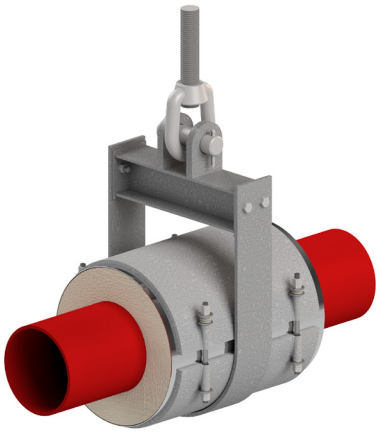
Calcium Silicate Specialty Overview



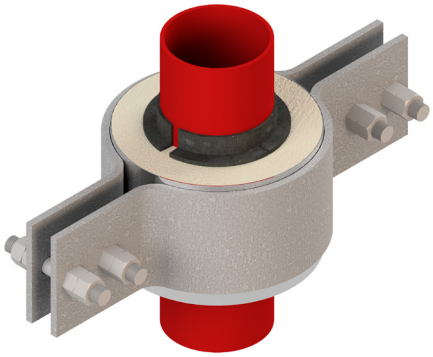
Calcium Silicate Hanging (Low Load)



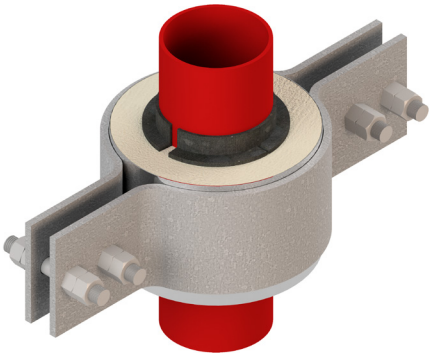
Calcium Silicate Hanging (Medium Load)



Calcium Silicate Hanging (High Load)



Calcium Silicate Riser (Low Load)



Calcium Silicate Riser (High Load)

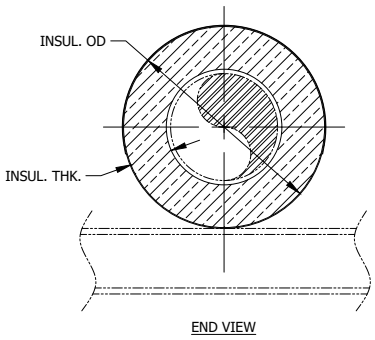
Calcium Silicate Flat (Low Load)

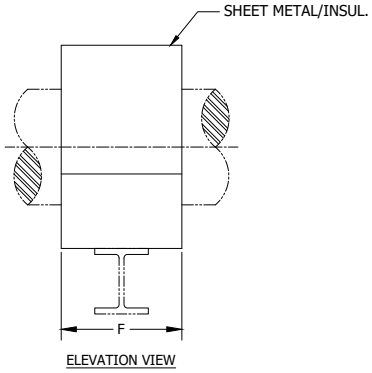
LEGACY DESIGNATION:
HF-1000; HF-2000; HF-3000; HF-4000

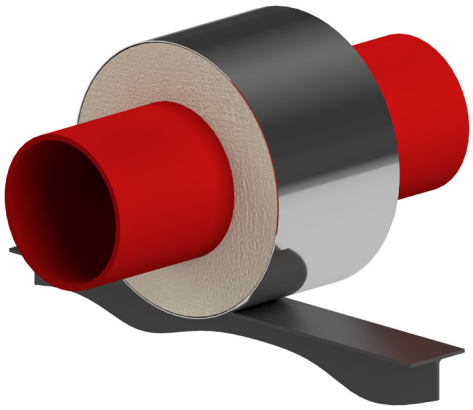
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
HFCS	8	3	9	450

Hot **F**lat **C**alcium **S**ilicate







IMPERIAL

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	F (in)	INSULATION THICKNESS														
			1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
			INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	40	9	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	45	9	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	65	9	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	110	9	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	140	9	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	165	9	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	200	9	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	300	9	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	450	9	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	500	9	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	525	9	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	575	9	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	600	9	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	625	9	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
18"	650	9	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
20"	700	9	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
24"	775	9	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
30"	890	9	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
36"	1000	9	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
42"	1110	9	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58

IMPERIAL

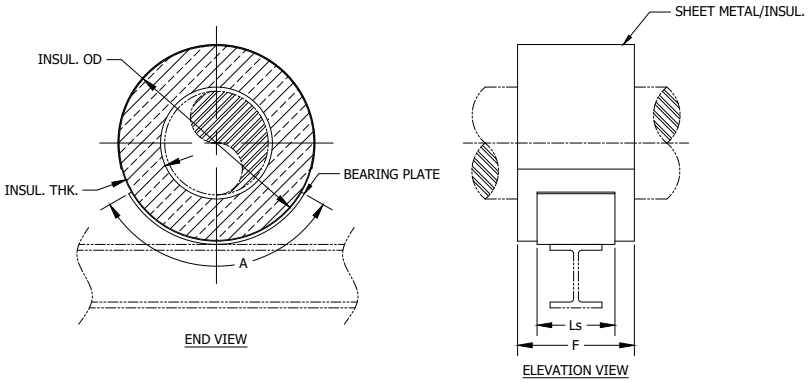
Calcium Silicate Flat (Medium Load)

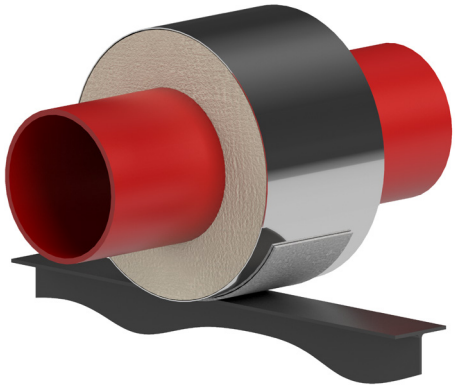
LEGACY DESIGNATION:
HF-5000; HF-6000

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
HFCS	8	3	9	450

Hot **F**lat **C**alcium **S**ilicate





Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	INSULATION THICKNESS														
				1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
				INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	160	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	200	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	250	9	6	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	360	9	6	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	450	9	6	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	545	9	6	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	660	9	6	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	850	9	6	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	1250	9	6	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	1630	9	6	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	2100	9	6	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	3400	9	6	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	3900	9	6	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	4400	9	6	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
18"	4800	9	6	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
20"	5100	9	6	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
24"	5500	9	6	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
30"	5500	9	6	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
36"	6500	9	6	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
42"	7500	9	6	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58

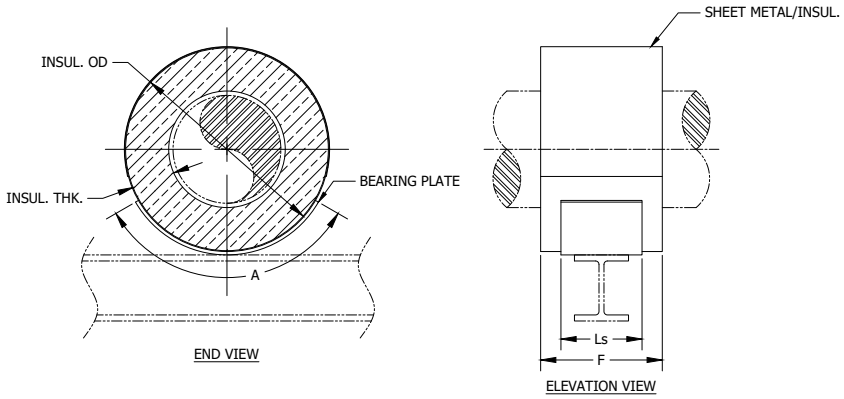
Calcium Silicate Flat (High Load)

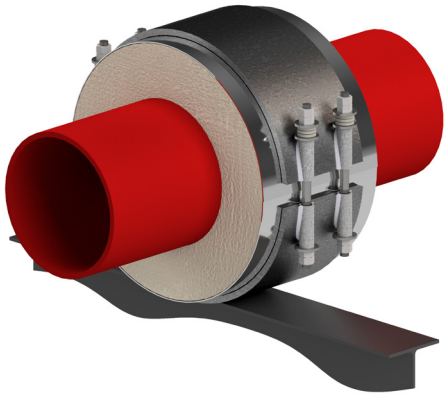
LEGACY DESIGNATION:
HF-7000; HF-7200; HF-7400

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
HFCS	8	3	9	450

Hot **F**lat **C**alcium **S**ilicate





IMPERIAL

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

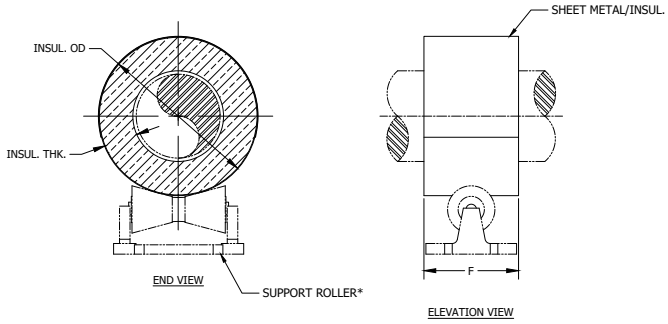
PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	INSULATION THICKNESS														
				1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
				INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	200	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	230	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	320	9	6	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	480	9	6	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	600	9	6	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	720	9	6	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	1590	9	6	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	2520	9	6	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	3825	9	6	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	5100	9	6	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	6000	9	6	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	6600	9	6	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	7500	9	6	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	8700	9	6	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
18"	9600	15	12	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
20"	10200	15	12	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
24"	12000	15	12	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
30"	14750	15	12	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
36"	17700	15	12	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
42"	20700	15	12	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58

IMPERIAL

Calcium Silicate Roller (Low Load)

LEGACY DESIGNATION:

HR-3000; HR-4000

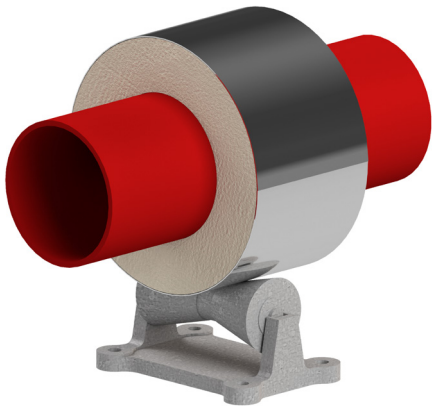


* - All hardware sold separately.

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
HRCS	4	3	9	270

Hot **R**oller **C**alcium **S**ilicate



Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	F (in)	INSULATION THICKNESS														
			1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
			INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	40	9	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	50	9	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	70	9	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	90	9	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	160	9	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	180	9	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	225	9	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	315	9	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	450	9	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	550	9	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	575	9	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	825	9	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	900	9	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	975	9	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
18"	1075	9	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
20"	1150	9	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
24"	1250	9	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
30"	1350	9	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
36"	1350	9	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
42"	1350	9	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58

Calcium Silicate Roller (Medium Load)

DESIGNATION EXAMPLE

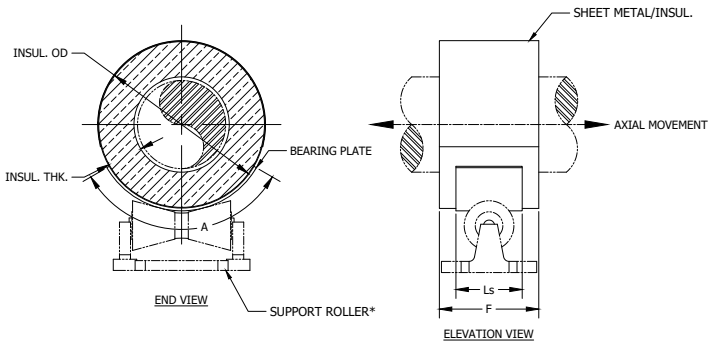
Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
HRCS	4	3	9	270

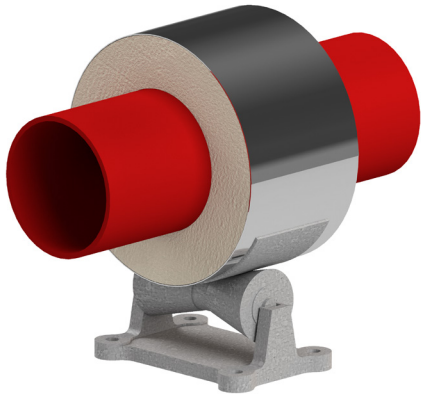
HRCS - 4 x 3 - 9 - 270

LEGACY DESIGNATION:

HR-5000; HR-6000

Hot **R**oller **C**alcium **S**ilicate





* - All hardware sold separately.

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

IMPERIAL

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	INSULATION THICKNESS														
				1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
				INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	160	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	200	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	250	9	6	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	360	9	6	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	450	9	6	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	545	9	6	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	660	9	6	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	850	9	6	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	1250	9	6	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	1630	9	6	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	1875	12	9	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	3400	12	9	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	3500	12	9	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	3950	12	9	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
18"	4300	12	9	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
20"	4550	12	9	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
24"	4950	12	9	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
30"	5450	12	9	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
36"	6450	12	9	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
42"	7450	12	9	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58

IMPERIAL

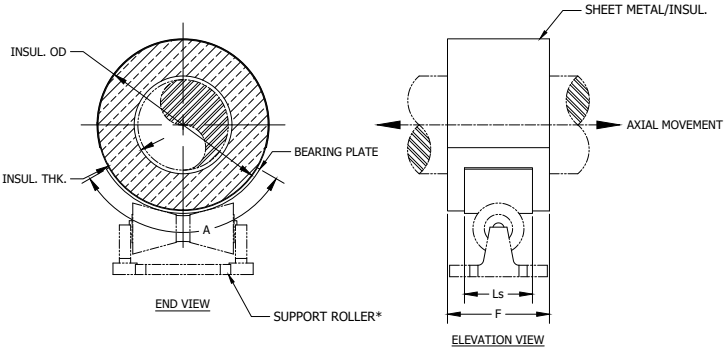
Calcium Silicate Roller (High Load)

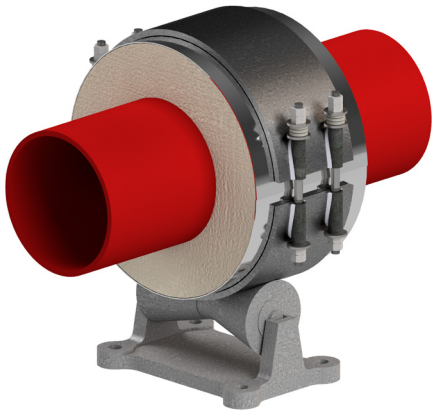
LEGACY DESIGNATION:
HR-8000; HR-8200; HR-8400

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
HRCS	4	3	9	270

Hot **R**oller **C**alcium **S**ilicate





* - All hardware sold separately.

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	INSULATION THICKNESS													
				1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
				INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	200	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	230	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	320	9	6	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	480	9	6	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	600	9	6	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	720	9	6	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	1590	9	6	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	2520	9	6	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	3825	9	6	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	5100	9	6	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	6000	9	6	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	6600	9	6	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	7500	12	9	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	8700	12	9	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
18"	9600	15	12	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
20"	10200	15	12	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
24"	12000	15	12	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
30"	14750	15	12	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
36"	17700	15	12	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
42"	20700	15	12	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58

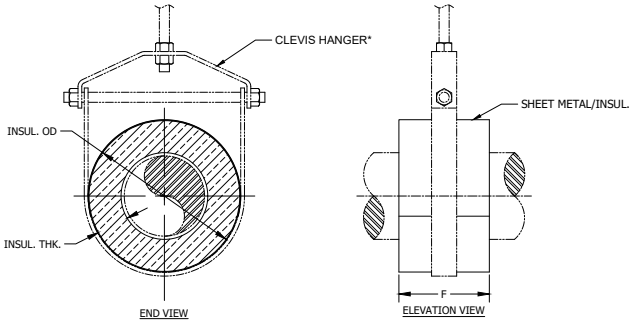
Calcium Silicate Clevis (Low Load)

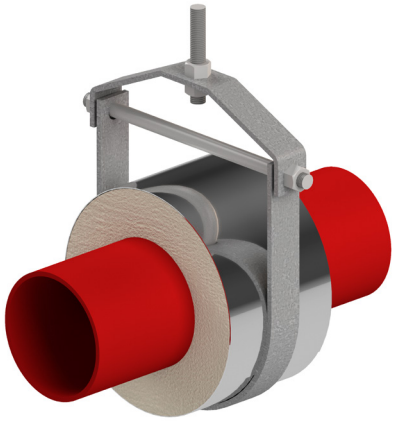
LEGACY DESIGNATION: HC-1000; HC-2000

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
HCCS	8	3	6	750

Hot **C**levis **C**alcium **S**ilicate





* - All hardware sold separately.

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

IMPERIAL

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	F (in)	INSULATION THICKNESS														
			1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
			INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	45	9	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	50	9	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	70	9	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	120	9	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	155	9	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	220	9	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	275	9	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	375	9	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	575	9	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	800	9	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	1100	9	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	1300	9	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	1500	9	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	1700	9	18	19	20	21	22	23	24	25	26	27	28	29	30	-	-
18"	1900	9	20	21	22	23	24	25	26	27	28	29	30	-	-	-	-
20"	2100	9	22	23	24	25	26	27	28	29	30	-	-	-	-	-	-
24"	2400	9	26	27	28	29	30	31	32	33	34	-	-	-	-	-	-

IMPERIAL

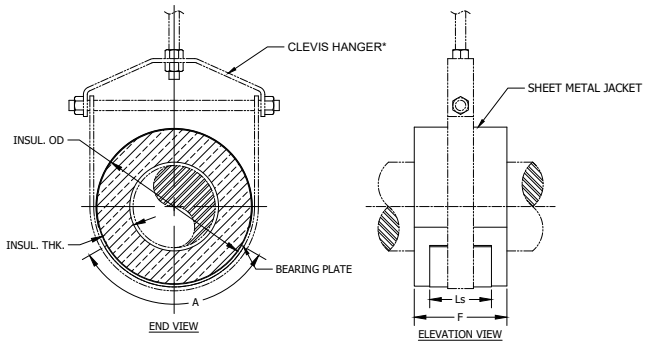
Calcium Silicate Clevis (Medium Load)

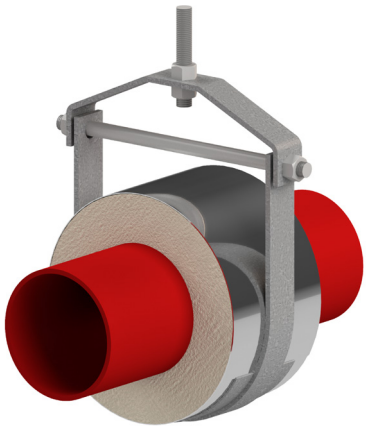
LEGACY DESIGNATION: HC-3000; HC-4000

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
HCCS	8	3	6	750

Hot **C**levis **C**alcium **S**ilicate





* - All hardware sold separately.

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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Notes:
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2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	INSULATION THICKNESS													
				1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
				INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	160	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	200	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	250	9	6	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	360	9	6	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	450	9	6	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	545	9	6	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	660	9	6	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	850	9	6	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	1250	9	6	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	1630	9	6	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	2030	9	6	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	2405	9	6	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	2640	9	6	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	3020	9	6	18	19	20	21	22	23	24	25	26	27	28	29	30	-	-
18"	3395	9	6	20	21	22	23	24	25	26	27	28	29	30	-	-	-	-
20"	3770	9	6	22	23	24	25	26	27	28	29	30	-	-	-	-	-	-
24"	4525	9	6	26	27	28	29	30	31	32	33	34	-	-	-	-	-	-

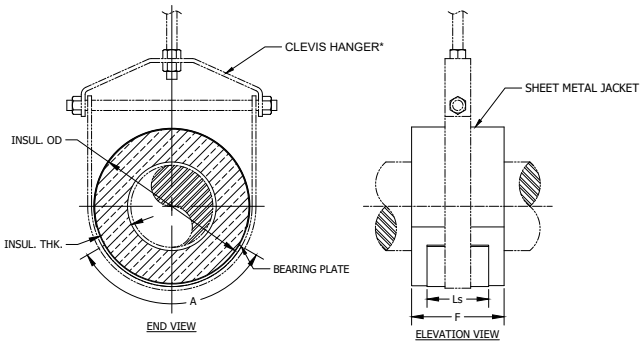
Calcium Silicate Clevis (High Load)

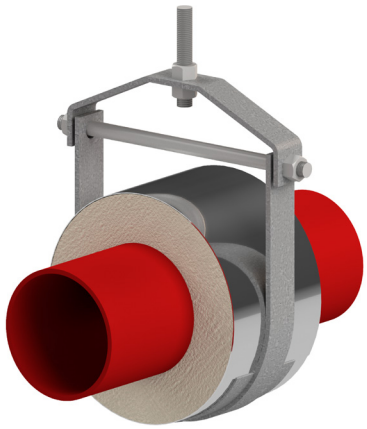
LEGACY DESIGNATION: HC-9000

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size		Insulation Thickness		Support Length (F)		Vertical Load
HCCS	8	x	3	-	6	-	750

Hot **C**levis **C**alcium **S**ilicate





* - All hardware sold separately.

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

IMPERIAL

Notes:
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PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	INSULATION THICKNESS														
				1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
				INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	320	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	400	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	500	9	6	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	720	9	6	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	900	9	6	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	1090	9	6	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	1320	9	6	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	1940	9	6	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	2000	9	6	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	3600	9	6	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	3800	9	6	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	4200	9	6	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	4600	9	6	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	4800	9	6	18	19	20	21	22	23	24	25	26	27	28	29	30	-	-
18"	4800	9	6	20	21	22	23	24	25	26	27	28	29	30	-	-	-	-
20"	4800	9	6	22	23	24	25	26	27	28	29	30	-	-	-	-	-	-
24"	4800	9	6	26	27	28	29	30	31	32	33	34	-	-	-	-	-	-

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Calcium Silicate Hanging (Low Load)

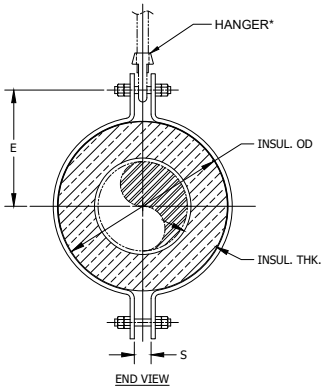
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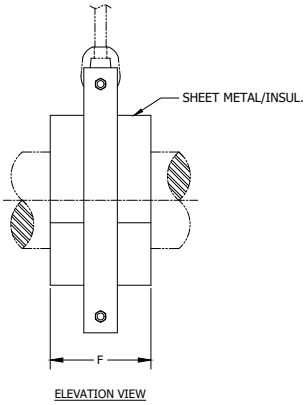
HH-1000; HH-2000

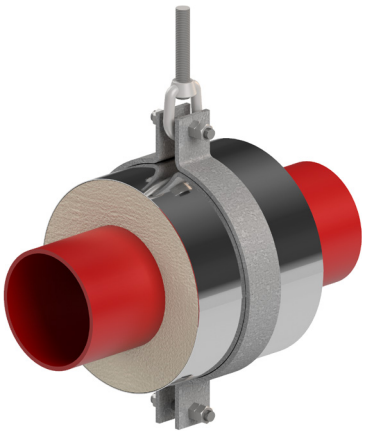
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
HHCS -	8 x	3 -	6 -	1700

Hot **H**anging **C**alcium **S**ilicate







* - All hardware sold separately.

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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Notes:
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PIPE SIZE	VERT. LOAD (lbs)	F (in)	S (in)	B (in)	INSULATION THICKNESS									
					1"		1-1/2"		2"		2-1/2"		3"	
					INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)
1"	510	9	1	0.5	3.5	2.8	4.5	3.3	5.5625	4	6.625	4.5	7.625	5
1-1/2"	605	9	1	0.5	4	3	5	3.5	6.625	4.5	7.625	5	8.625	5.5
2"	605	9	1	0.5	4.5	3.3	5.5625	4	6.625	4.5	7.625	5	8.625	5.5
2-1/2"	810	9	1	0.5	5	3.5	6.625	4.5	7.625	5	8.625	5.5	9.625	6.3
3"	1125	9	1	0.625	5.5625	4	6.625	4.5	7.625	5.3	8.625	5.8	9.625	6.3
4"	1720	9	1.25	0.75	6.625	4.8	7.625	5.3	8.625	5.8	9.625	6.3	10.75	7
6"	2705	9	1.5	0.875	8.625	6	9.625	6.5	10.75	7	11.75	7.5	12.75	8.3
8"	3605	9	1.75	1	10.75	8	11.75	8.8	12.75	9.3	14	9.8	15	10.5
10"	3630	9	1.75	1	12.75	9.3	14	9.8	15	10.5	16	11	17	11.5
12"	4660	9	2	1.125	15	10.5	16	11	17	11.8	18	12.3	19	12.8
14"	4660	9	2	1.125	16	11	17	11.8	18	12.3	19	12.8	20	13.3
16"	6820	9	2.5	1.375	18	12.5	19	13	20	13.5	21	14	22	14.5
18"	6820	9	2.5	1.375	20	13.5	21	14	22	14.5	23	15.8	24	16.3
20"	7970	9	2.5	1.375	22	15	23	15.8	24	16.3	25	16.8	26	17.3
24"	10285	12	3	1.75	26	17.3	27	17.8	28	18.5	29	19	30	19.5
30"	10600	12	3	1.75	32	20.5	33	21	34	21.5	35	22	36	22.5
36"	13020	12	3.5	2	38	24.5	39	25	40	25.5	41	26	42	26.8
42"	13020	12	3.5	2	44	28.3	45	28.8	46	29.3	47	29.8	48	30.3

Calcium Silicate Hanging (Medium Load)

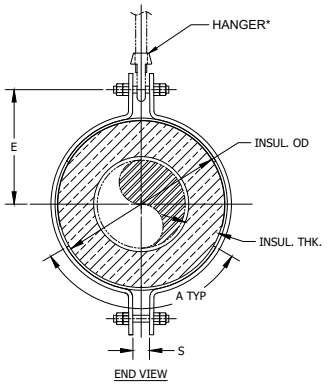
LEGACY DESIGNATION:

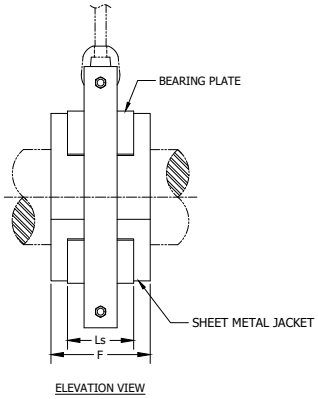
HH-3000; HH-3100; HH-3200; HH-3300

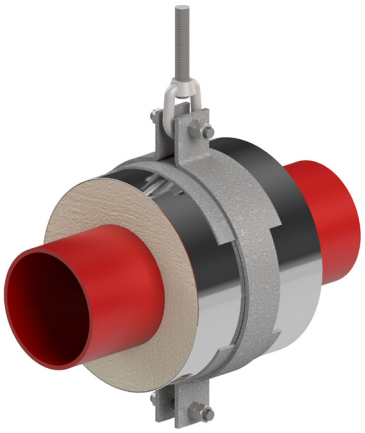
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
HHCS -	8 x	3 -	6 -	1700

Hot **H**anging **C**alcium **S**ilicate







* - All hardware sold separately.

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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IMPERIAL

Notes:
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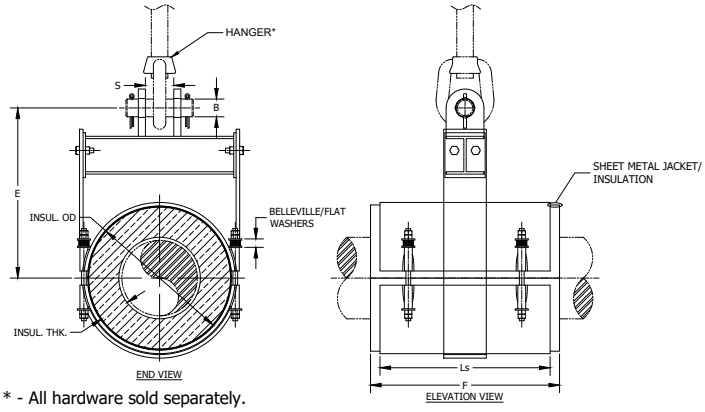
PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	S (in)	B (in)	INSULATION THICKNESS									
						1"		1-1/2"		2"		2-1/2"		3"	
						INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)
1"	1135	9	6	1	0.625	3.5	2.8	4.5	3.3	5.5625	4	6.625	4.5	7.625	5.3
1-1/2"	1630	9	6	1	0.625	4	3.3	5	3.8	6.625	4.8	7.625	5.3	8.625	5.8
2"	1715	9	6	1	0.625	4.5	3.5	5.5625	4.3	6.625	4.8	7.625	5.3	8.625	5.8
2-1/2"	1805	9	6	1.25	0.75	5	3.8	6.625	4.8	7.625	5.3	8.625	5.8	9.625	6.3
3"	2705	9	6	1.5	0.875	5.5625	4.3	6.625	4.8	7.625	5.3	8.625	6	9.625	6.5
4"	3445	12	9	1.75	1	6.625	5	7.625	5.5	8.625	6	9.625	6.5	10.75	7.3
6"	4935	12	9	2	1.125	8.625	7	9.625	7.5	10.75	8	11.75	8.8	12.75	9.3
8"	7215	12	9	2.5	1.375	10.75	8.5	11.75	9	12.75	9.5	14	10.3	15	10.8
10"	7257	12	9	2.5	1.375	12.75	9.5	14	10.3	15	10.8	16	11.5	17	12
12"	9320	12	9	2.5	1.5	15	10.3	16	10.8	17	11.8	18	12.3	19	12.8
14"	9320	12	9	2.5	1.5	16	10.8	17	11.8	18	12.3	19	12.8	20	13.3
16"	11465	12	9	3	1.75	18	13	19	13.5	20	14.3	21	14.8	22	15.3
18"	11465	12	9	3	1.75	20	14.3	21	14.8	22	15.3	23	15.8	24	16.3
20"	16580	12	9	4	2.25	22	16.3	23	16.8	24	17.3	25	17.8	26	18.3
24"	19005	15	12	4	2.25	26	18.3	27	19	28	19.5	29	20	30	20.5
30"	20605	15	12	4	2.25	32	22	33	22.8	34	23.3	35	23.8	36	24.3
36"	24905	15	12	4.25	2.5	38	25.5	39	26	40	26.5	41	27	42	27.5
42"	24905	15	12	4.25	2.5	44	28.5	45	29	46	29.5	47	30.3	48	30.8

Calcium Silicate Hanging (High Load)

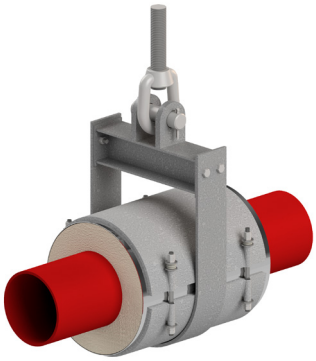
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
HHCS -	8 x	3 -	6 -	1700

Hot **H**anging **C**alcium **S**ilicate



* - All hardware sold separately.



Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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Notes:
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PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	S (in)	B (in)	INSULATION THICKNESS									
						1"		1-1/2"		2"		2-1/2"		3"	
						INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)
1"	640	15	12	1	0.625	3.5	10	4.5	10	5.5625	11	6.625	12	7.625	12
1-1/2"	960	15	12	1.25	0.75	4	10	5	11	6.625	12	7.625	12	8.625	13
2"	1200	15	12	1.25	0.75	4.5	10	5.5625	11	6.625	12	7.625	12	8.625	13
2-1/2"	1440	15	12	1.25	0.75	5	11	6.625	12	7.625	12	8.625	13	9.625	13
3"	3180	15	12	1.5	0.875	5.5625	12	6.625	12	7.625	13	8.625	13	9.625	14
4"	5040	15	12	2	1.125	6.625	13	7.625	14	8.625	14	9.625	15	10.75	15
6"	7650	15	12	2.5	1.375	8.625	14	9.625	15	10.75	15	11.75	17	12.75	17
8"	10200	21	18	3	1.75	10.75	16	11.75	17	12.75	17	14	18	15	18
10"	12000	21	18	3	1.75	12.75	17	14	18	15	18	16	19	17	19
12"	13200	21	18	3.5	2	15	18	16	19	17	19	18	20	19	20
14"	15000	21	18	3.5	2	16	19	17	19	18	20	19	20	20	21
16"	17400	21	18	4	2.25	18	21	19	21	20	22	21	24	22	25
18"	19200	21	18	4	2.25	20	22	21	22	22	25	23	25	24	26
20"	20400	21	18	4	2.25	22	25	23	25	24	26	25	26	26	27
24"	21600	21	18	4.25	2.5	26	29	27	30	28	30	29	31	30	31
30"	28200	21	18	4.25	2.5	32	32	33	33	34	33	35	34	36	34
36"	33000	21	18	4.5	2.75	38	35	39	36	40	36	41	37	42	37
42"	37200	21	18	5	3	44	41	45	41	46	42	47	42	48	43
48"	42540	21	18	5.25	3.25	50	44	51	45	52	45	53	46	54	46

Calcium Silicate Riser (Low Load)

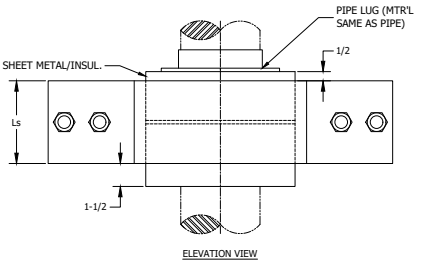
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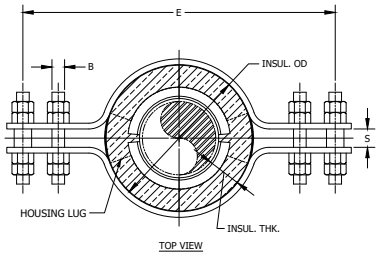
HV-2000; HV-2100

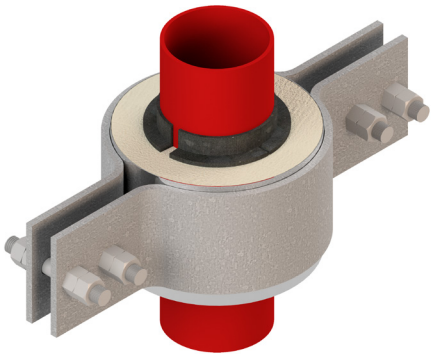
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
HVCS -	8 x	3 -	6 -	1700

Hot Riser (**V**) **C**alcium **S**ilicate







Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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IMPERIAL

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	B (lbs)	S (in)	INSULATION THICKNESS													
				1"			1-1/2"			2"			2-1/2"			3"	
				INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)
2"	250	0.5	1.25	4.5	14.5	3	5.5625	16	3	6.625	17	3	7.625	18	3	8.625	19	3
2-1/2"	300	0.5	1.25	5	15	3	6.625	17	3	7.625	18	3	8.625	19	3	9.625	20	4
3"	400	0.5	1.25	5.5625	16	3	6.625	17	3	7.625	18	3	8.625	19	3	9.625	20	4
4"	600	0.5	1.25	6.625	17	3	7.625	18	3	8.625	19	3	9.625	20	4	10.75	21	4
6"	1000	0.5	1.25	8.625	19	3	9.625	20	4	10.75	21	4	11.75	22	4	12.75	23	4
8"	1300	0.625	1.25	10.75	21	4	11.75	22	4	12.75	23	4	14	24	4	15	25	4
10"	1600	0.625	1.25	12.75	23	4	14	24	4	15	25	4	16	26	4	17	27	4
12"	1700	0.625	1.25	15	25	4	16	26	4	17	27	4	18	28	4	19	29	4
14"	2000	0.625	1.25	16	26	4	17	27	4	18	28	4	19	29	4	20	30	4
16"	2300	0.625	1.25	18	28	4	19	29	4	20	30.5	4	21	31.5	4	22	32.5	4
18"	2500	0.625	1.25	20	30.5	4	21	31.5	4	22	32.5	4	23	33.5	4	24	34.5	4
20"	2700	0.625	1.25	22	32.5	4	23	33.5	4	24	34.5	4	25	35.5	4	26	36.5	4
24"	2800	0.625	1.25	26	36.5	4	27	37.5	4	28	38.5	5	29	39.5	4	30	40.5	4

Calcium Silicate Riser (Medium Load)

LEGACY DESIGNATION:

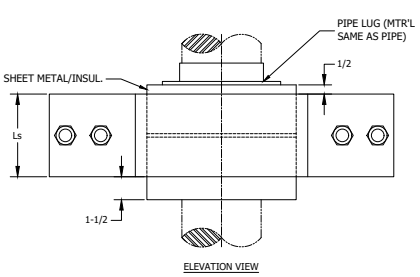
HV-2200; HV-2300

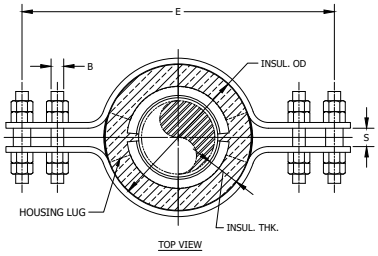
IMPERIAL

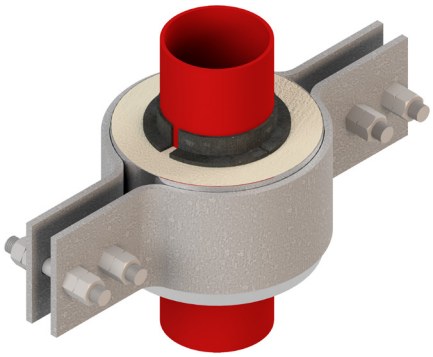
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
HVCS	8	3	6	1700

Hot Riser (**V**) **C**alcium **S**ilicate







Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
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For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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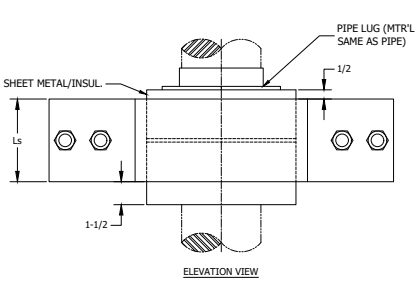
PIPE SIZE	VERT. LOAD (lbs)	B (lbs)	S (in)	INSULATION THICKNESS													
				1"			1-1/2"			2"			2-1/2"			3"	
				INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)
2"	750	0.5	1.25	4.5	14.5	3	5.5625	16	3	6.625	17	3	7.625	18	3	8.625	19	3
2-1/2"	900	0.5	1.25	5	15	3	6.625	17	3	7.625	18	3	8.625	19	3	9.625	20	3
3"	1200	0.5	1.25	5.5625	16	3	6.625	17	3	7.625	18	3	8.625	19	3	9.625	20	4
4"	1800	0.625	1.25	6.625	17	4	7.625	18	4	8.625	19	4	9.625	20	4	10.75	21	4
6"	3000	0.625	1.25	8.625	19	4	9.625	20	4	10.75	21	4	11.75	22	4	12.75	23	4
8"	3900	0.75	1.25	10.75	21.5	4	11.75	22.5	4	12.75	23.5	4	14	24.5	4	15	25.5	4
10"	4800	0.75	1.25	12.75	24	4	14	25.5	4	15	26.5	4	16	27.5	4	17	28.5	5
12"	5100	0.875	1.5	15	27	5	16	28	5	17	29	5	18	30	5	19	31	6
14"	6000	0.875	1.5	16	28	6	17	29	6	18	30	6	19	31	6	20	34	5
16"	6900	1	1.75	18	31	6	19	32	6	20	34.5	5	21	35.5	5	22	36.5	5
18"	7500	1	1.75	20	34.5	6	21	35.5	6	22	36.5	6	23	37.5	6	24	38.5	6
20"	8100	1	1.75	22	36.5	6	23	37.5	7	24	38.5	7	25	39.5	7	26	40.5	7
24"	8400	1.125	2	26	41.5	6	27	42.5	7	28	43.5	7	29	44.5	7	30	45.5	7

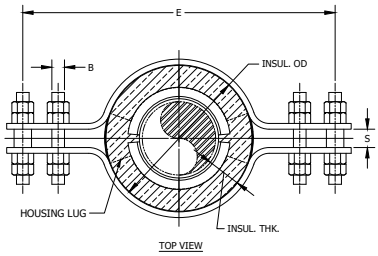
Calcium Silicate Riser (High Load)

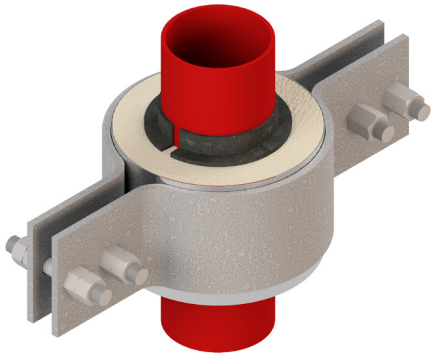
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
HVCS -	8 x	3 -	6 -	1700

Hot Riser (**V**) **C**alcium **S**ilicate







IMPERIAL

Applications & Features:

- - Temperature range from 40 Deg F to 1200 Deg F
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Ordering Instructions:

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- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

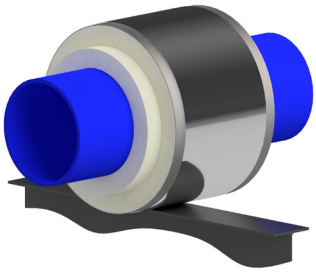
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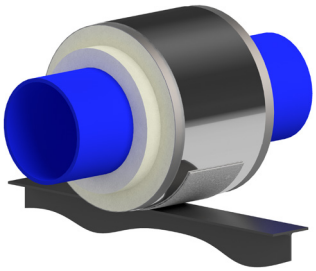
PIPE SIZE	VERT. LOAD (lbs)	B (in)	S (in)	INSULATION THICKNESS													
				1"			1-1/2"			2"			2-1/2"			3"	
				INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)
2"	1500	0.625	1.25	4.5	14.5	3	5.5625	16	3	6.625	17	3	7.625	18	4	8.625	19	4
2-1/2"	1800	0.625	1.25	5	15	3	6.625	17	4	7.625	18	4	8.625	19	4	9.625	20	4
3"	2400	0.625	1.25	5.5625	16	3	6.625	17	4	7.625	18	4	8.625	19	4	9.625	20	4
4"	3600	0.75	1.25	6.625	17	4	7.625	18	4	8.625	19	4	9.625	20	4	10.75	21.5	4
6"	6000	0.875	1.5	8.625	21	4	9.625	22	4	10.75	23	5	11.75	24	5	12.75	25	5
8"	7800	1	1.75	10.75	23.5	6	11.75	24.5	6	12.75	25.5	6	14	28.5	5	15	29.5	5
10"	9600	1.125	2	12.75	28	5	14	29.5	6	15	30.5	6	16	31.5	6	17	32.5	6
12"	10200	1.125	2	15	30.5	6	16	31.5	6	17	32.5	6	18	33.5	6	19	34.5	6
14"	12000	1.25	2.25	16	32	7	17	33	7	18	34	7	19	35	7	20	36	7
16"	13800	1.375	2.5	18	35	7	19	36	7	20	37	7	21	38	7	22	39	7
18"	15000	1.375	2.5	20	37	7	21	38	7	22	39	7	23	41.5	6	24	42.5	6
20"	16200	1.375	2.5	22	40.5	7	23	41.5	7	24	42.5	7	25	43.5	7	26	44.5	7
24"	16800	1.5	2.5	26	45.5	7	27	46.5	7	28	47.5	7	29	48.5	8	30	49.5	8

Specialty Polyurethane Supports

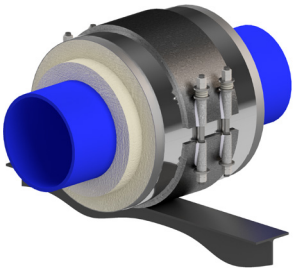
Polyurethane Specialty Overview



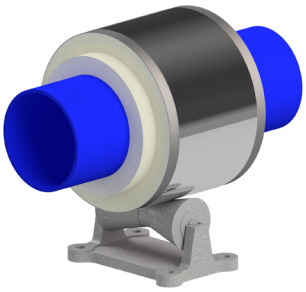
Polyurethane
Flat (Low Load)



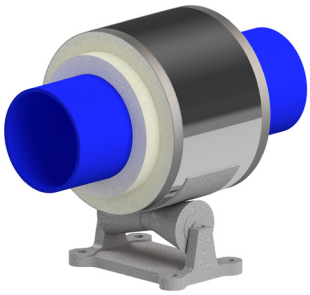
Polyurethane
Flat (Medium Load)



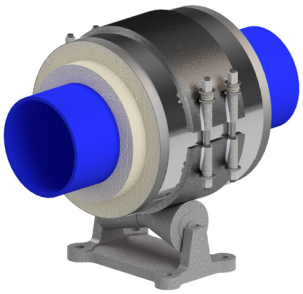
Polyurethane
Flat (High Load)



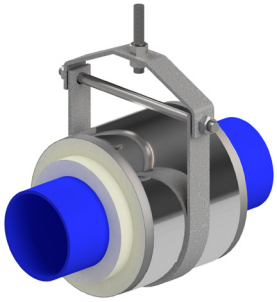
Polyurethane
Roller (Low Load)

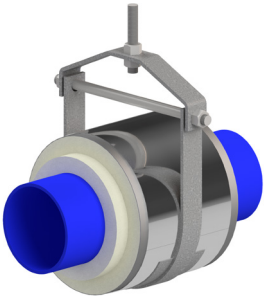


Polyurethane
Roller (Medium Load)

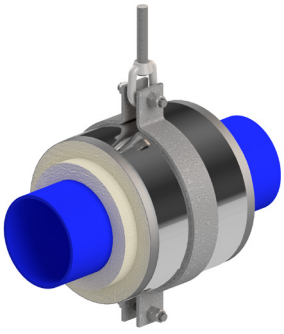


Polyurethane
Roller (High Load)

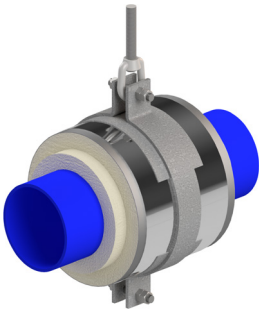




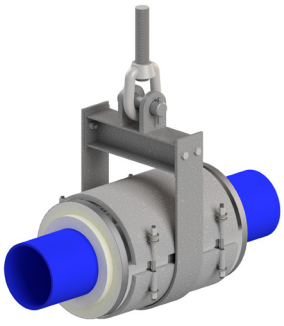
Polyurethane Clevis



Polyurethane
Hanging (Low Load)

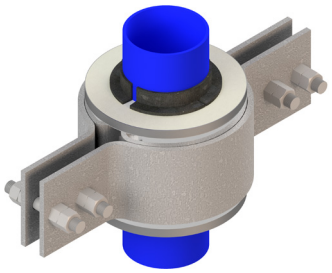


Polyurethane
Hanging (Medium Load)

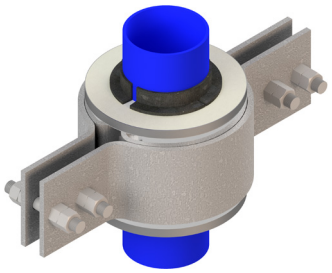


Polyurethane Hanging
(High Load)

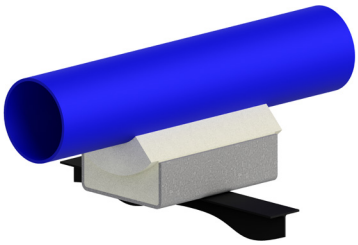
Polyurethane Specialty Overview



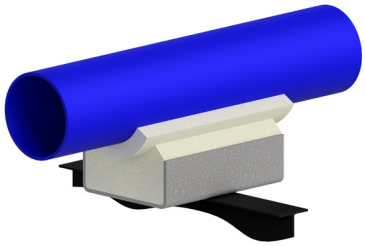
Polyurethane Riser (Low Load)



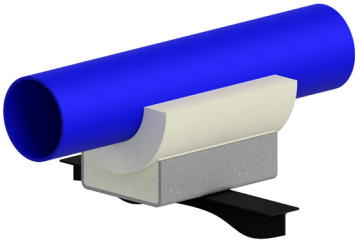
Polyurethane Riser (High Load)



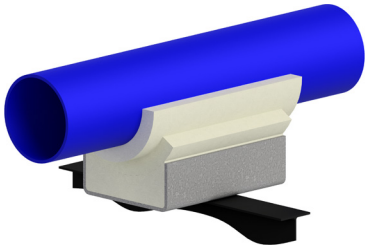
Polyurethane Insulated Guided (90 degree) Single Layer



Polyurethane Insulated Guided (90 degree) Double Layer



Polyurethane Insulated Guided (180 degree) Single Layer



Polyurethane Insulated Guided (180 degree) Double Layer

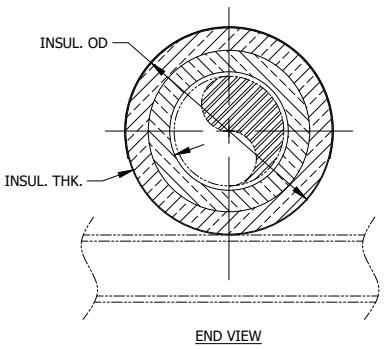
Polyurethane Flat (Low Load)

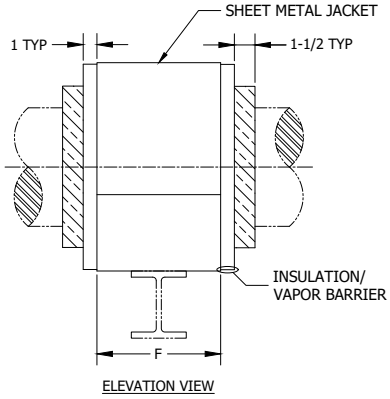
LEGACY DESIGNATION:
CF-1000; CF-2000

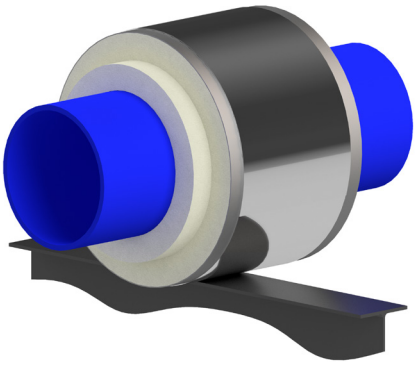
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
CFPF	8	3	9	1200

Cold **F**lat **P**olyurethane **F**oam







IMPERIAL

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	F (in)	INSULATION THICKNESS														
			1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
			INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	40	9	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	45	9	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	65	9	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	110	9	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	140	9	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	165	9	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	200	9	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	300	9	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	450	9	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	500	9	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	525	9	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	575	9	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	600	9	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	625	9	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
18"	650	9	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
20"	700	9	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
24"	775	9	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
30"	890	9	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
36"	1000	9	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
42"	1110	9	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58

IMPERIAL

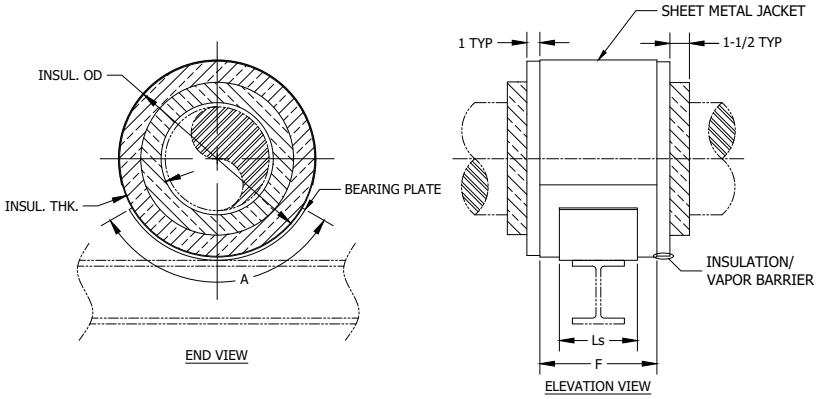
Polyurethane Flat (Medium Load)

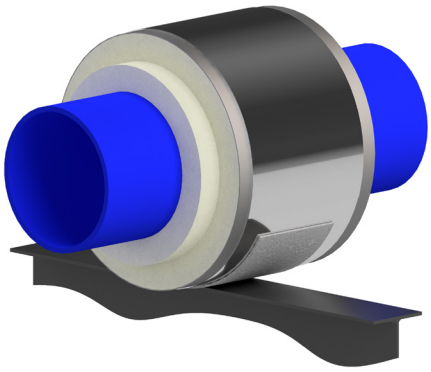
LEGACY DESIGNATION:
CF-3000; CF-3100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
CFPF	- 8 x	3 -	9 -	1200

Cold **F**lat **P**olyurethane **F**oam





Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
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PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	INSULATION THICKNESS													
				1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
				INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	160	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	200	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	250	9	6	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	360	9	6	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	450	9	6	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	545	9	6	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	660	9	6	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	850	9	6	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	1250	9	6	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	1630	9	6	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	2100	9	6	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	3400	9	6	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	3900	9	6	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	4400	9	6	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
18"	4800	9	6	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
20"	5100	9	6	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
24"	5500	9	6	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
30"	5500	9	6	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
36"	6500	9	6	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
42"	7500	9	6	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58

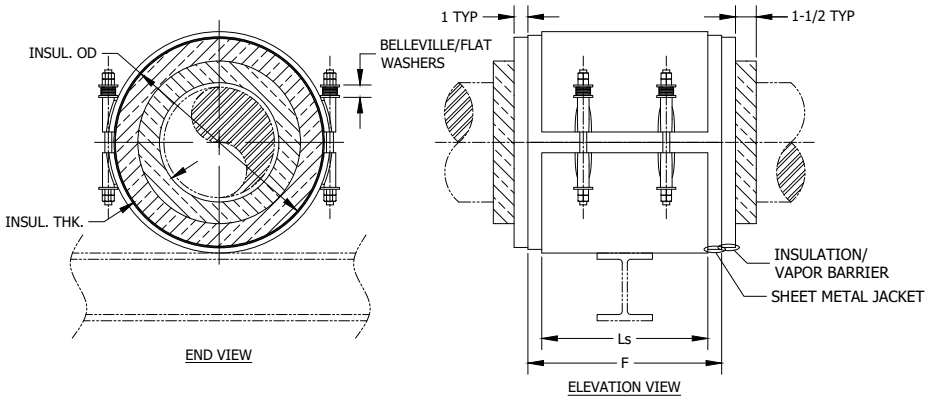
Polyurethane Flat (High Load)

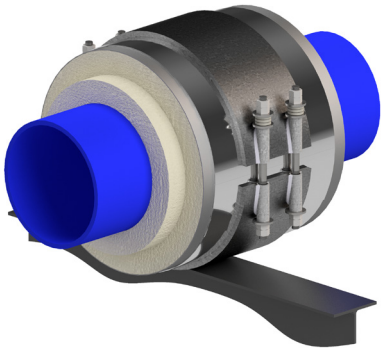
LEGACY DESIGNATION:
CF-4000; CF-4100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
CFPF	8	3	9	1200

Cold **F**lat **P**olyurethane **F**oam





IMPERIAL

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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Notes:
1) Dimensions in inches unless noted
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PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	INSULATION THICKNESS														
				1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
				INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	200	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	230	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	320	9	6	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	480	9	6	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	600	9	6	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	720	9	6	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	1590	9	6	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	2520	9	6	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	3825	9	6	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	5100	9	6	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	6000	9	6	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	6600	9	6	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	7500	9	6	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	8700	9	6	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
18"	9600	15	12	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
20"	10200	15	12	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
24"	12000	15	12	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
30"	14750	15	12	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
36"	17700	15	12	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
42"	20700	15	12	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58

IMPERIAL

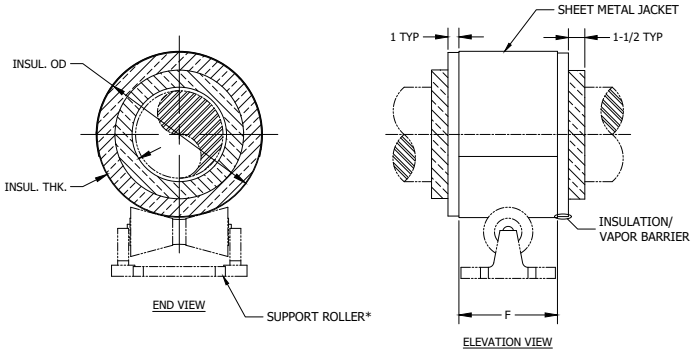
Polyurethane Roller (Low Load)

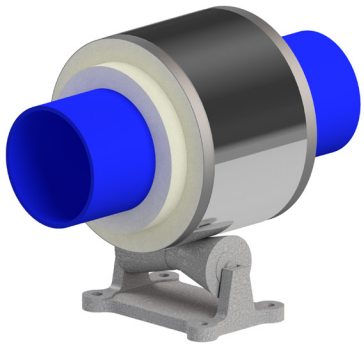
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
CRPF	8	3	9	1200

LEGACY DESIGNATION:
CR-3000; CR-3100

Cold **R**oller **P**olyurethane **F**oam





- All hardware sold separately.

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	F (in)	INSULATION THICKNESS														
			1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
			INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	40	9	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	50	9	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	70	9	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	90	9	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	160	9	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	180	9	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	225	9	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	315	9	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	450	9	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	550	9	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	575	9	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	825	9	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	900	9	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	975	9	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
18"	1075	9	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
20"	1150	9	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
24"	1250	9	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
30"	1350	9	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
36"	1350	9	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
42"	1350	9	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58

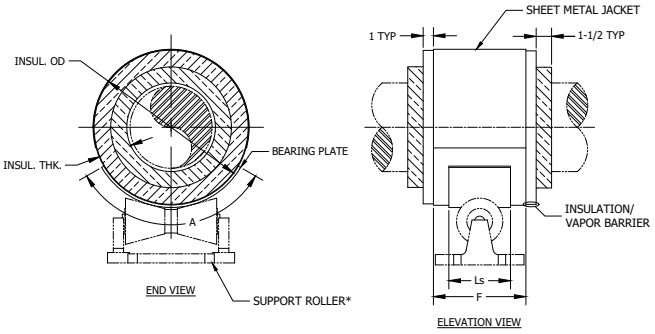
Polyurethane Roller (Medium Load)

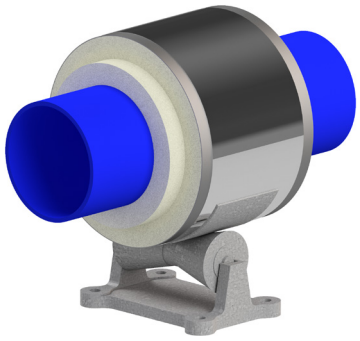
LEGACY DESIGNATION:
CR-4000; CR-4100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
CRPF	8	3	9	1200

Cold **R**oller **P**olyurethane **F**oam





* - All hardware sold separately.

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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IMPERIAL

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

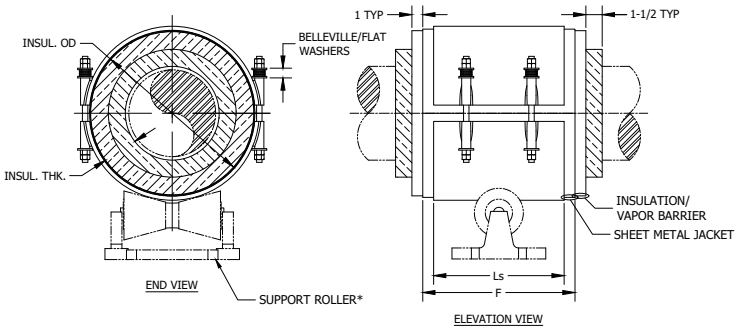
PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	INSULATION THICKNESS														
				1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
				INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	160	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	200	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	250	9	6	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	360	9	6	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	450	9	6	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	545	9	6	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	660	9	6	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	850	9	6	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	1250	9	6	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	1630	9	6	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	1875	12	9	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	3400	12	9	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	3500	12	9	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	3950	12	9	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
18"	4300	12	9	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
20"	4550	12	9	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
24"	4950	12	9	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
30"	5450	12	9	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
36"	6450	12	9	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
42"	7450	12	9	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58

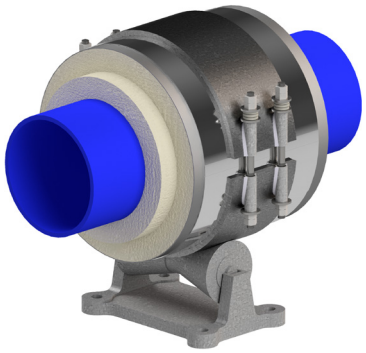
Polyurethane Roller (High Load)

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
CRPF	8	3	9	1200

Cold **R**oller **P**olyurethane **F**oam





* - All hardware sold separately.

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	INSULATION THICKNESS														
				1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
				INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	200	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	230	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	320	9	6	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	480	9	6	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	600	9	6	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	720	9	6	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	1590	9	6	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	2520	9	6	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	3825	9	6	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	5100	9	6	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	6000	9	6	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	6600	9	6	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	7500	12	9	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	8700	12	9	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
18"	9600	15	12	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
20"	10200	15	12	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
24"	12000	15	12	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
30"	14750	15	12	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
36"	17700	15	12	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
42"	20700	15	12	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58

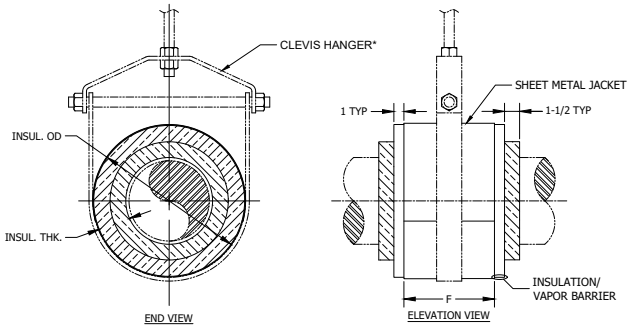
Polyurethane Clevis (Low Load)

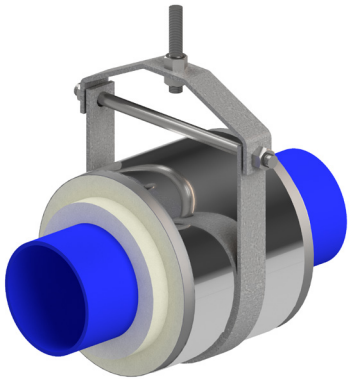
LEGACY DESIGNATION: CC-1000, CC-2000

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
CCPF	8	3	9	1200

Cold **C**levis **P**olyurethane **F**oam





- All hardware sold separately.

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	F (in)	INSULATION THICKNESS														
			1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
			INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	45	9	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	50	9	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	70	9	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	120	9	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	155	9	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	220	9	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	275	9	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	375	9	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	575	9	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	800	9	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	1100	9	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	1300	9	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	1500	9	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	1700	9	18	19	20	21	22	23	24	25	26	27	28	29	30	-	-
18"	1900	9	20	21	22	23	24	25	26	27	28	29	30	-	-	-	-
20"	2100	9	22	23	24	25	26	27	28	29	30	-	-	-	-	-	-
24"	2400	9	26	27	28	29	30	31	32	33	34	-	-	-	-	-	-

IMPERIAL

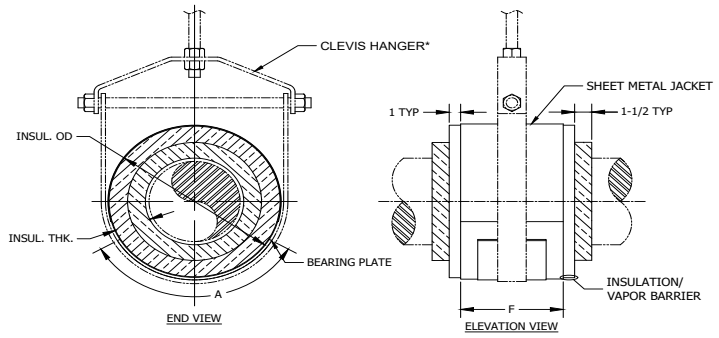
Polyurethane Clevis (Medium Load)

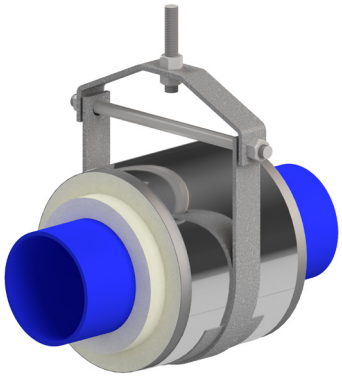
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
CCPF	- 8 x	3 -	9 -	1200

LEGACY DESIGNATION: CC-3000, CC-3100; CC-4000, CC-4100

Cold **C**levis **P**olyurethane **F**oam





* - All hardware sold separately.

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
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- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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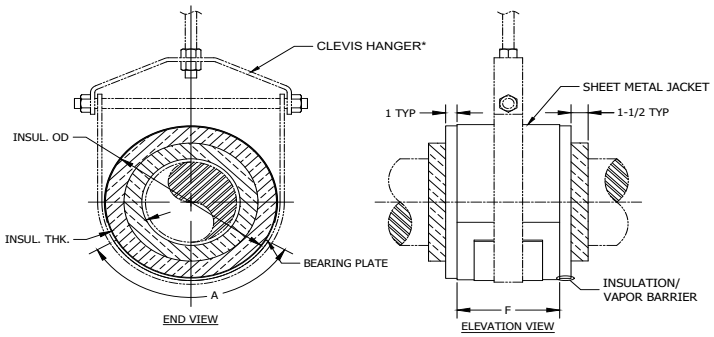
PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	INSULATION THICKNESS														
				1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
				INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	160	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	200	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	250	9	6	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	360	9	6	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	450	9	6	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	545	9	6	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	660	9	6	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	850	9	6	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	1250	9	6	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	1630	9	6	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	2030	9	6	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	2405	9	6	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	2640	9	6	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	3020	9	6	18	19	20	21	22	23	24	25	26	27	28	29	30	-	-
18"	3395	9	6	20	21	22	23	24	25	26	27	28	29	30	-	-	-	-
20"	3770	9	6	22	23	24	25	26	27	28	29	30	-	-	-	-	-	-
24"	4525	9	6	26	27	28	29	30	31	32	33	34	-	-	-	-	-	-

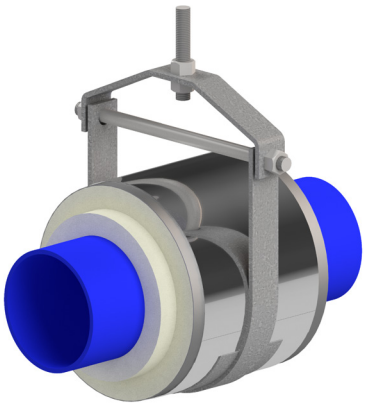
Polyurethane Clevis (High Load)

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
CCPF	- 8 x	3 -	9 -	1200

Cold **C**levis **P**olyurethane **F**oam





* - All hardware sold separately.

IMPERIAL

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	INSULATION THICKNESS													
				1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5.5"	6"	6.5"	7"	7.5"	8"
				INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)	INSUL. OD (in)
1/2"	320	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
3/4"	400	9	6	2.875	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1"	500	9	6	3.5	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18
1-1/2"	720	9	6	4	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2"	900	9	6	4.5	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19
2-1/2"	1090	9	6	5	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
3"	1320	9	6	5.5625	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20
4"	1940	9	6	6.625	7.625	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21
6"	2000	9	6	8.625	9.625	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23
8"	3600	9	6	10.75	11.75	12.75	14	15	16	17	18	19	20	21	22	23	24	25
10"	3800	9	6	12.75	14	15	16	17	18	19	20	21	22	23	24	25	26	27
12"	4200	9	6	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14"	4600	9	6	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16"	4800	9	6	18	19	20	21	22	23	24	25	26	27	28	29	30	-	-
18"	4800	9	6	20	21	22	23	24	25	26	27	28	29	30	-	-	-	-
20"	4800	9	6	22	23	24	25	26	27	28	29	30	-	-	-	-	-	-
24"	4800	9	6	26	27	28	29	30	31	32	33	34	-	-	-	-	-	-

IMPERIAL

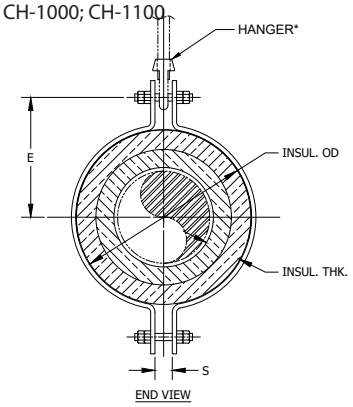
Polyurethane Hanging (Low Load)

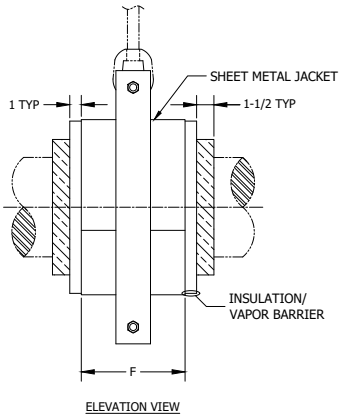
LEGACY DESIGNATION:
CH-1000; CH-1100

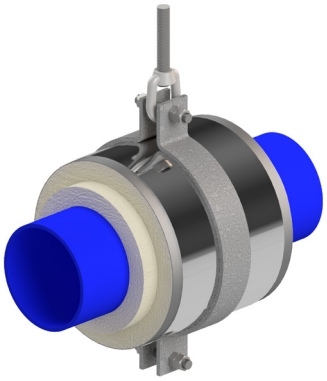
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
CHPF	8	3	9	1200

Cold **H**anging **P**olyurethane **F**oam







* - All hardware sold separately.

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	F (in)	S (in)	B (in)	INSULATION THICKNESS									
					1"		1-1/2"		2"		2-1/2"		3"	
					INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)
1"	510	9	1	0.5	3.5	2.8	4.5	3.3	5.5625	4	6.625	4.5	7.625	5
1-1/2"	605	9	1	0.5	4	3	5	3.5	6.625	4.5	7.625	5	8.625	5.5
2"	605	9	1	0.5	4.5	3.3	5.5625	4	6.625	4.5	7.625	5	8.625	5.5
2-1/2"	810	9	1	0.5	5	3.5	6.625	4.5	7.625	5	8.625	5.5	9.625	6.3
3"	1125	9	1	0.625	5.5625	4	6.625	4.5	7.625	5.3	8.625	5.8	9.625	6.3
4"	1720	9	1.25	0.75	6.625	4.8	7.625	5.3	8.625	5.8	9.625	6.3	10.75	7
6"	2705	9	1.5	0.875	8.625	6	9.625	6.5	10.75	7	11.75	7.5	12.75	8.3
8"	3605	9	1.75	1	10.75	8	11.75	8.8	12.75	9.3	14	9.8	15	10.5
10"	3630	9	1.75	1	12.75	9.3	14	9.8	15	10.5	16	11	17	11.5
12"	4660	9	2	1.125	15	10.5	16	11	17	11.8	18	12.3	19	12.8
14"	4660	9	2	1.125	16	11	17	11.8	18	12.3	19	12.8	20	13.3
16"	6820	9	2.5	1.375	18	12.5	19	13	20	13.5	21	14	22	14.5
18"	6820	9	2.5	1.375	20	13.5	21	14	22	14.5	23	15.8	24	16.3
20"	7970	9	2.5	1.375	22	15	23	15.8	24	16.3	25	16.8	26	17.3
24"	10285	12	3	1.75	26	17.3	27	17.8	28	18.5	29	19	30	19.5
30"	10600	12	3	1.75	32	20.5	33	21	34	21.5	35	22	36	22.5
36"	13020	12	3.5	2	38	24.5	39	25	40	25.5	41	26	42	26.8
42"	13020	12	3.5	2	44	28.3	45	28.8	46	29.3	47	29.8	48	30.3

Polyurethane Hanging (Medium Load)

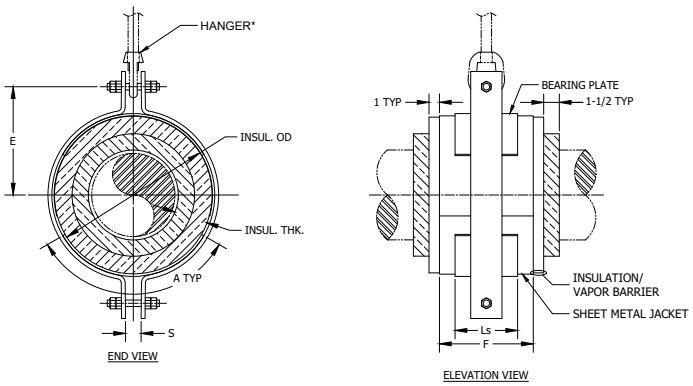
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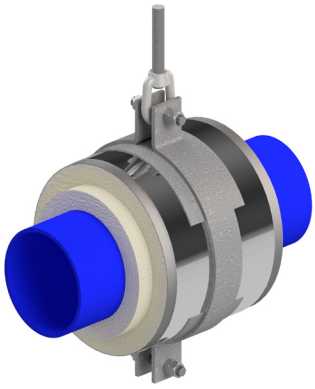
CH-2000; CH-2100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
CHPF	- 8 x	3 -	9 -	1200

Cold **H**anging **P**olyurethane **F**oam





* - All hardware sold separately.

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

IMPERIAL

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

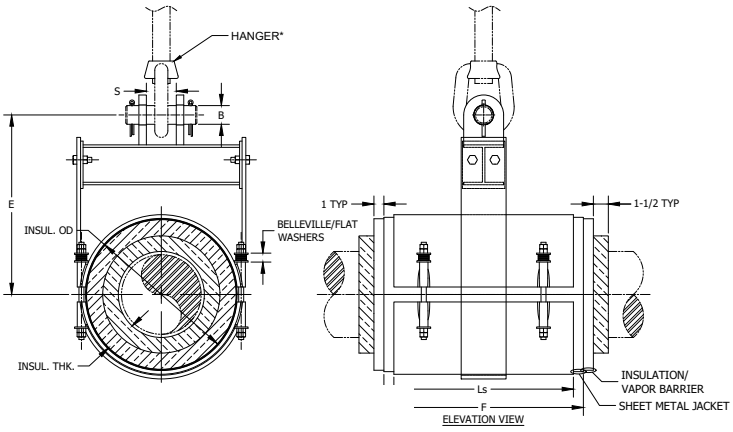
PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	S (in)	B (in)	INSULATION THICKNESS									
						1"		1-1/2"		2"		2-1/2"		3"	
						INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)
1"	1135	9	6	1	0.625	3.5	2.8	4.5	3.3	5.5625	4	6.625	4.5	7.625	5.3
1-1/2"	1630	9	6	1	0.625	4	3.3	5	3.8	6.625	4.8	7.625	5.3	8.625	5.8
2"	1715	9	6	1	0.625	4.5	3.5	5.5625	4.3	6.625	4.8	7.625	5.3	8.625	5.8
2-1/2"	1805	9	6	1.25	0.75	5	3.8	6.625	4.8	7.625	5.3	8.625	5.8	9.625	6.3
3"	2705	9	6	1.5	0.875	5.5625	4.3	6.625	4.8	7.625	5.3	8.625	6	9.625	6.5
4"	3445	12	9	1.75	1	6.625	5	7.625	5.5	8.625	6	9.625	6.5	10.75	7.3
6"	4935	12	9	2	1.125	8.625	7	9.625	7.5	10.75	8	11.75	8.8	12.75	9.3
8"	7215	12	9	2.5	1.375	10.75	8.5	11.75	9	12.75	9.5	14	10.3	15	10.8
10"	7257	12	9	2.5	1.375	12.75	9.5	14	10.3	15	10.8	16	11.5	17	12
12"	9320	12	9	2.5	1.5	15	10.3	16	10.8	17	11.8	18	12.3	19	12.8
14"	9320	12	9	2.5	1.5	16	10.8	17	11.8	18	12.3	19	12.8	20	13.3
16"	11465	12	9	3	1.75	18	13	19	13.5	20	14.3	21	14.8	22	15.3
18"	11465	12	9	3	1.75	20	14.3	21	14.8	22	15.3	23	15.8	24	16.3
20"	16580	12	9	4	2.25	22	16.3	23	16.8	24	17.3	25	17.8	26	18.3
24"	19005	15	12	4	2.25	26	18.3	27	19	28	19.5	29	20	30	20.5
30"	20605	15	12	4	2.25	32	22	33	22.8	34	23.3	35	23.8	36	24.3
36"	24905	15	12	4.25	2.5	38	25.5	39	26	40	26.5	41	27	42	27.5
42"	24905	15	12	4.25	2.5	44	28.5	45	29	46	29.5	47	30.3	48	30.8

Polyurethane Hanging (High Load)

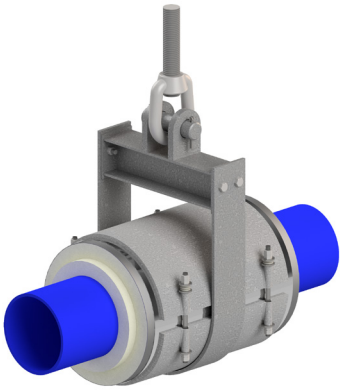
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size		Insulation Thickness		Support Length (F)		Vertical Load
CHPF	8	x	3	-	9	-	1200

IMPERIAL



Cold **H**anging **P**olyurethane **F**oam



Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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Notes:
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PIPE SIZE	VERT. LOAD (lbs)	F (in)	Ls (in)	S (in)	B (in)	INSULATION THICKNESS									
						1"		1-1/2"		2"		2-1/2"		3"	
						INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)	INSUL. OD (in)	E (in)
1"	640	15	12	1	0.625	3.5	10	4.5	10	5.5625	11	6.625	12	7.625	12
1-1/2"	960	15	12	1.25	0.75	4	10	5	11	6.625	12	7.625	12	8.625	13
2"	1200	15	12	1.25	0.75	4.5	10	5.5625	11	6.625	12	7.625	12	8.625	13
2-1/2"	1440	15	12	1.25	0.75	5	11	6.625	12	7.625	12	8.625	13	9.625	13
3"	3180	15	12	1.5	0.875	5.5625	12	6.625	12	7.625	13	8.625	13	9.625	14
4"	5040	15	12	2	1.125	6.625	13	7.625	14	8.625	14	9.625	15	10.75	15
6"	7650	15	12	2.5	1.375	8.625	14	9.625	15	10.75	15	11.75	17	12.75	17
8"	10200	21	18	3	1.75	10.75	16	11.75	17	12.75	17	14	18	15	18
10"	12000	21	18	3	1.75	12.75	17	14	18	15	18	16	19	17	19
12"	13200	21	18	3.5	2	15	18	16	19	17	19	18	20	19	20
14"	15000	21	18	3.5	2	16	19	17	19	18	20	19	20	20	21
16"	17400	21	18	4	2.25	18	21	19	21	20	22	21	24	22	25
18"	19200	21	18	4	2.25	20	22	21	22	22	25	23	25	24	26
20"	20400	21	18	4	2.25	22	25	23	25	24	26	25	26	26	27
24"	21600	21	18	4.25	2.5	26	29	27	30	28	30	29	31	30	31
30"	28200	21	18	4.25	2.5	32	32	33	33	34	33	35	34	36	34
36"	33000	21	18	4.5	2.75	38	35	39	36	40	36	41	37	42	37
42"	37200	21	18	5	3	44	41	45	41	46	42	47	42	48	43
48"	42540	21	18	5.25	3.25	50	44	51	45	52	45	53	46	54	46

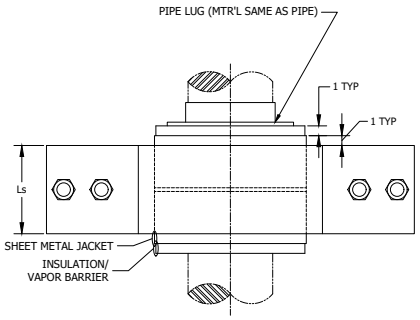
Polyurethane Riser (Low Load)

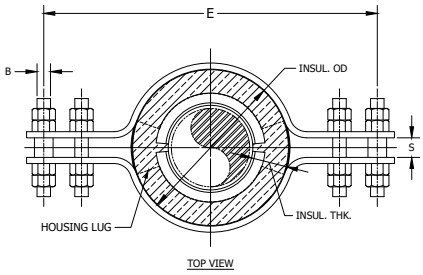
LEGACY DESIGNATION:
CV-2000

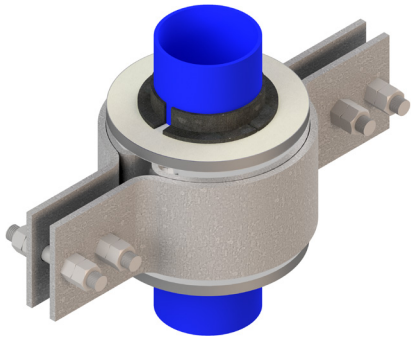
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
CVPF	8	3	9	1200

Cold Riser (**V**) **P**olyurethane **F**oam







IMPERIAL

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	B (in)	S (in)	INSULATION THICKNESS													
				1"			1-1/2"			2"			2-1/2"			3"		
				INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)
2"	250	0.5	1.25	4.5	14.5	3	5.5625	16	3	6.625	17	3	7.625	18	3	8.625	19	3
2-1/2"	300	0.5	1.25	5	15	3	6.625	17	3	7.625	18	3	8.625	19	3	9.625	20	4
3"	400	0.5	1.25	5.5625	16	3	6.625	17	3	7.625	18	3	8.625	19	3	9.625	20	4
4"	600	0.5	1.25	6.625	17	3	7.625	18	3	8.625	19	3	9.625	20	4	10.75	21	4
6"	1000	0.5	1.25	8.625	19	3	9.625	20	4	10.75	21	4	11.75	22	4	12.75	23	4
8"	1300	0.625	1.25	10.75	21	4	11.75	22	4	12.75	23	4	14	24	4	15	25	4
10"	1600	0.625	1.25	12.75	23	4	14	24	4	15	25	4	16	26	4	17	27	4
12"	1700	0.625	1.25	15	25	4	16	26	4	17	27	4	18	28	4	19	29	4
14"	2000	0.625	1.25	16	26	4	17	27	4	18	28	4	19	29	4	20	30	4
16"	2300	0.625	1.25	18	28	4	19	29	4	20	30.5	4	21	31.5	4	22	32.5	4
18"	2500	0.625	1.25	20	30.5	4	21	31.5	4	22	32.5	4	23	33.5	4	24	34.5	4
20"	2700	0.625	1.25	22	32.5	4	23	33.5	4	24	34.5	4	25	35.5	4	26	36.5	4
24"	2800	0.625	1.25	26	36.5	4	27	37.5	4	28	38.5	5	29	39.5	4	30	40.5	4

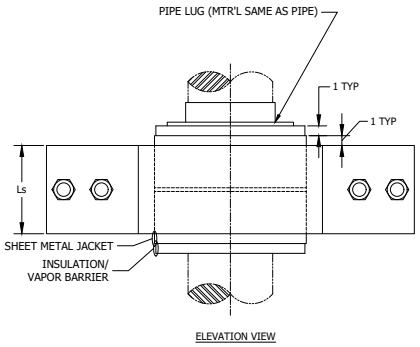
Polyurethane Riser (Medium Load)

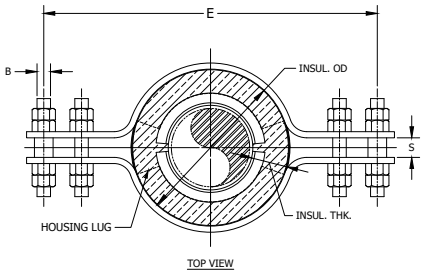
LEGACY DESIGNATION:
CV-2100

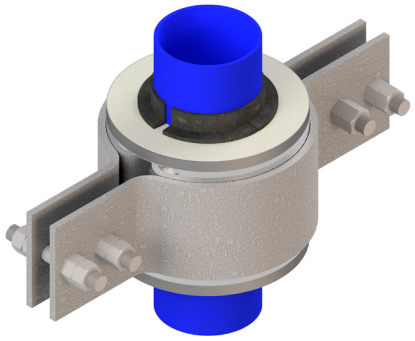
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
CVPF	8	3	9	1200

Cold Riser (**V**) **P**olyurethane **F**oam







Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

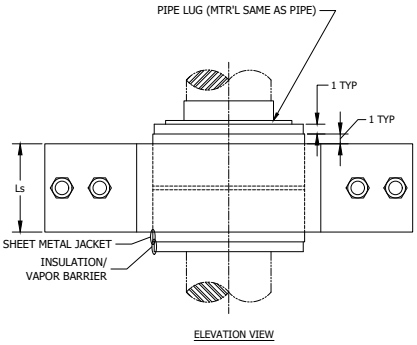
PIPE SIZE	VERT. LOAD (lbs)	B (in)	S (in)	INSULATION THICKNESS													
				1"			1-1/2"			2"			2-1/2"			3"		
				INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)
2"	750	0.5	1.25	4.5	14.5	3	5.5625	16	3	6.625	17	3	7.625	18	3	8.625	19	3
2-1/2"	900	0.5	1.25	5	15	3	6.625	17	3	7.625	18	3	8.625	19	3	9.625	20	3
3"	1200	0.5	1.25	5.5625	16	3	6.625	17	3	7.625	18	3	8.625	19	3	9.625	20	4
4"	1800	0.625	1.25	6.625	17	4	7.625	18	4	8.625	19	4	9.625	20	4	10.75	21	4
6"	3000	0.625	1.25	8.625	19	4	9.625	20	4	10.75	21	4	11.75	22	4	12.75	23	4
8"	3900	0.75	1.25	10.75	21.5	4	11.75	22.5	4	12.75	23.5	4	14	24.5	4	15	25.5	4
10"	4800	0.75	1.25	12.75	24	4	14	25.5	4	15	26.5	4	16	27.5	4	17	28.5	5
12"	5100	0.875	1.5	15	27	5	16	28	5	17	29	5	18	30	5	19	31	6
14"	6000	0.875	1.5	16	28	6	17	29	6	18	30	6	19	31	6	20	34	5
16"	6900	1	1.75	18	31	6	19	32	6	20	34.5	5	21	35.5	5	22	36.5	5
18"	7500	1	1.75	20	34.5	6	21	35.5	6	22	36.5	6	23	37.5	6	24	38.5	6
20"	8100	1	1.75	22	36.5	6	23	37.5	7	24	38.5	7	25	39.5	7	26	40.5	7
24"	8400	1.125	2	26	41.5	6	27	42.5	7	28	43.5	7	29	44.5	7	30	45.5	7

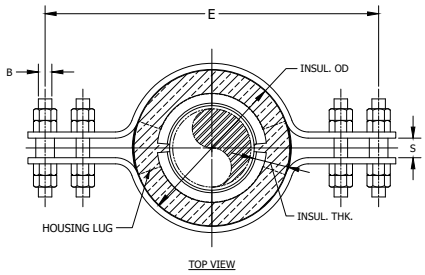
Polyurethane Riser (High Load)

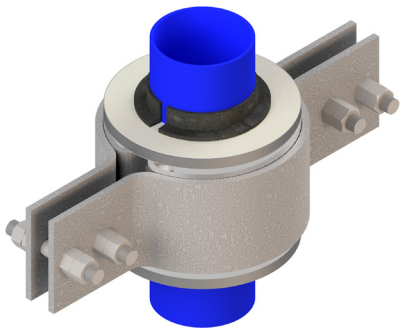
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length (F)	Vertical Load
CHPF	- 8 x	3 -	9 -	1200

Cold Riser (**V**) **P**olyurethane **F**oam







IMPERIAL

Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (lbs)	B (in)	S (in)	INSULATION THICKNESS													
				1"			1-1/2"			2"			2-1/2"			3"	
				INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)	INSUL. OD (in)	E (in)	Ls (in)
2"	1500	0.625	1.25	4.5	14.5	3	5.5625	16	3	6.625	17	3	7.625	18	4	8.625	19	4
2-1/2"	1800	0.625	1.25	5	15	3	6.625	17	4	7.625	18	4	8.625	19	4	9.625	20	4
3"	2400	0.625	1.25	5.5625	16	3	6.625	17	4	7.625	18	4	8.625	19	4	9.625	20	4
4"	3600	0.75	1.25	6.625	17	4	7.625	18	4	8.625	19	4	9.625	20	4	10.75	21.5	4
6"	6000	0.875	1.5	8.625	21	4	9.625	22	4	10.75	23	5	11.75	24	5	12.75	25	5
8"	7800	1	1.75	10.75	23.5	6	11.75	24.5	6	12.75	25.5	6	14	28.5	5	15	29.5	5
10"	9600	1.125	2	12.75	28	5	14	29.5	6	15	30.5	6	16	31.5	6	17	32.5	6
12"	10200	1.125	2	15	30.5	6	16	31.5	6	17	32.5	6	18	33.5	6	19	34.5	6
14"	12000	1.25	2.25	16	32	7	17	33	7	18	34	7	19	35	7	20	36	7
16"	13800	1.375	2.5	18	35	7	19	36	7	20	37	7	21	38	7	22	39	7
18"	15000	1.375	2.5	20	37	7	21	38	7	22	39	7	23	41.5	6	24	42.5	6
20"	16200	1.375	2.5	22	40.5	7	23	41.5	7	24	42.5	7	25	43.5	7	26	44.5	7
24"	16800	1.5	2.5	26	45.5	7	27	46.5	7	28	47.5	7	29	48.5	8	30	49.5	8

Insulated Guided (90 degree) Single Layer

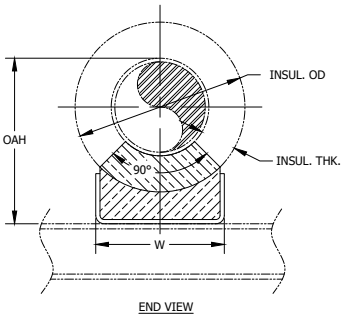
IMPERIAL

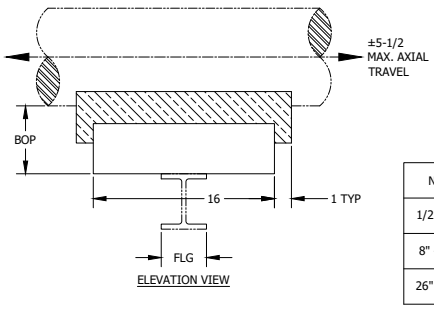
LEGACY DESIGNATION:
IG-90-SL-R

DESIGNATION EXAMPLE

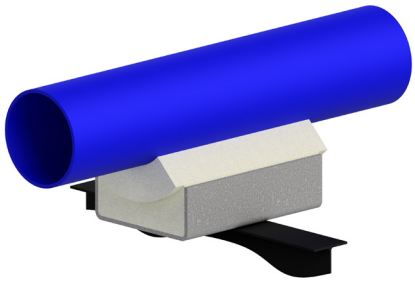
Model No.		Nominal Pipe Size	Insulation Thickness	BOP (in)
IG(90)SL	-	8 x	3 -	6

Insulated **G**uided (90 degree) **S**ingle **L**ayer





NPS	FLG (MIN)
1/2" - 6"	3"
8" - 24"	6"
26" - 72"	8"



Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)

* Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	INSULATION THICKNESS																			
	1"				1-1/2"				2"				2-1/2"				3"			
	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)
1/2"	4	244	4.875	2	4	336	4.875	2.75	4	418	4.875	3.375	4	551	4.875	4.125	6	633	6.875	4.875
3/4"	4	243	5	2.125	4	335	5	2.875	4	417	5	3.625	4	551	5	4.25	6	633	7	5
1"	4	297	5.375	2.375	4	379	5.375	3	4	468	5.375	3.75	4	553	5.375	4.5	6	635	7.375	5.125
1-1/4"	4	312	5.625	2.625	4	413	5.625	3.25	4	547	5.625	4	4	612	5.625	4.75	6	674	7.625	5.375
1-1/2"	4	336	5.875	2.75	4	418	5.875	3.5	4	551	5.875	4.125	4	633	5.875	4.875	6	715	7.875	5.625
2"	4	375	6.375	3.125	4	463	6.375	3.75	4	549	6.375	4.5	4	631	6.375	5.25	6	713	8.375	5.875
3"	4	464	7.5	3.875	4	580	7.5	4.625	4	662	7.5	5.25	4	744	7.5	6	6	826	9.5	6.75
4"	4	549	8.5	4.625	4	631	8.5	5.25	4	713	8.5	6	4	795	8.5	6.75	6	889	10.5	7.375
6"	4	677	10.63	6.125	4	801	10.63	6.75	4	941	10.63	7.5	4	965	10.625	8.25	6	1048	12.625	8.875
8"	4	1304	12.63	7.5	4	1498	12.63	8.25	4	1572	12.63	8.875	6	1727	14.625	9.625	6	1850	14.625	10.375
10"	4	2401	14.75	9	4	2618	14.75	9.75	4	2804	14.75	10.375	6	2991	16.75	11.125	6	3178	16.75	11.875
12"	4	4162	16.75	10.38	4	4487	16.75	11.125	4	4767	16.75	11.875	6	5047	18.75	12.5	6	5327	18.75	13.25
14"	4	4512	18	11.38	4	4792	18	12	4	5072	18	12.75	6	5352	20	13.375	6	5632	20	14.125
16"	4	5453	20	12.75	4	5568	20	13.375	6	5755	22	14.125	6	5853	22	14.875	6	6192	22	15.5
18"	4	9387	22	14.13	4	9853	22	14.875	6	10320	24	15.5	6	10787	24	16.25	6	11253	24	17
20"	4	10320	24	15.5	4	10787	24	16.25	6	11253	26	17	6	11720	26	17.625	6	12187	26	18.375
24"	4	16249	28	18.38	4	16871	28	19.125	6	17494	30	19.75	6	18116	30	20.5	6	18738	30	21.25
30"	4	31807	34	22.63	6	32938	36	23.375	6	34069	36	24	6	35201	36	24.75	6	36332	36	25.5
36"	4	34069	40	26.88	6	35201	42	27.625	6	36332	42	28.25	6	37464	42	29	6	38595	42	29.75
42"	4	36332	46	31.13	6	37464	48	31.875	6	38595	48	32.5	6	39726	48	33.25	6	40858	48	34
48"	4	38595	52	35.38	6	39726	54	36	6	40858	54	36.75	6	41989	54	37.5	6	43121	54	38.125
52"	4	40858	56	38.13	6	41989	58	38.875	6	43121	58	39.625	6	44252	58	40.25	6	45383	58	41
60"	4	43121	64	43.88	6	44252	66	44.5	6	45383	66	45.25	6	46515	66	46	6	47646	66	46.625

Insulated Guided (90 degree) Single Layer

LEGACY DESIGNATION:
IG-90-SL-R

DESIGNATION EXAMPLE

Model No. | Nominal Pipe Size | Insulation Thickness | BOP (in)

IG(90)SL - 8 x 3 - 6

Insulated **G**uided (90 degree) **S**ingle **L**ayer

IMPERIAL

PIPE SIZE	INSULATION THICKNESS																			
	3-1/2"				4"				4-1/2"				5"				5-1/2"			
	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)
1/2"	6	715	6.875	5.5	6	797	6.875	6.25	6	879	6.875	7	8	961	8.875	7.625	8	1043	8.875	8.375
3/4"	6	716	7	5.75	6	798	7	6.375	6	880	7	7.125	8	962	9	7.875	8	1044	9	8.5
1"	6	717	7.375	5.875	6	799	7.375	6.625	6	881	7.375	7.25	8	963	9.375	8	8	1045	9.375	8.75
1-1/4"	6	736	7.625	6.125	6	797	7.625	6.875	6	868	7.625	7.5	8	930	9.625	8.25	8	1091	9.625	9
1-1/2"	6	797	7.875	6.25	6	890	7.875	7	6	961	7.875	7.75	8	1054	9.875	8.375	8	1125	9.875	9.125
2"	6	795	8.375	6.625	6	888	8.375	7.375	6	959	8.375	8	8	1052	10.375	8.75	8	1123	10.375	9.5
3"	6	920	9.5	7.375	6	1002	9.5	8.125	6	1076	9.5	8.875	8	1158	11.5	9.5	8	1240	11.5	10.25
4"	6	971	10.5	8.125	6	1053	10.5	8.875	6	1158	10.5	9.5	8	1240	12.5	10.25	8	1322	12.5	11
6"	6	1151	12.63	9.625	6	1233	12.63	10.375	6	1332	12.63	11	8	1414	14.625	11.75	8	1496	14.625	12.5
8"	6	1973	14.63	11	6	2096	14.63	11.75	8	2243	16.63	12.5	8	2366	16.625	13.125	8	2489	16.625	13.875
10"	6	3365	16.75	12.5	6	3552	16.75	13.25	8	3801	18.75	14	8	4028	18.75	14.625	8	4352	18.75	15.375
12"	6	5607	18.75	14	6	5925	18.75	14.625	8	6175	20.75	15.375	8	6361	20.75	16.125	8	6548	20.75	16.75
14"	6	5912	20	14.88	6	6192	20	15.5	8	6472	22	16.25	8	6501	22	17	8	6688	22	17.625
16"	6	6472	22	16.25	8	6752	24	17	8	7032	24	17.625	8	7312	24	18.375	8	7592	24	19.125
18"	6	11720	24	17.63	8	12187	26	18.375	8	12654	26	19.125	8	13120	26	19.75	8	13587	26	20.5
20"	6	12654	26	19.13	8	13120	28	19.75	8	13587	28	20.5	8	14054	28	21.25	8	14520	28	21.875
24"	6	19360	30	21.88	8	19983	32	22.625	8	20605	32	23.375	8	21227	32	24	8	21849	32	24.75
30"	8	37464	38	26.13	8	38595	38	26.875	8	39726	38	27.625	8	40858	38	28.25	10	41989	40	29
36"	8	39726	44	30.38	8	40858	44	31.125	8	41989	44	31.875	8	43121	44	32.5	10	44252	46	33.25
42"	8	41989	50	34.63	8	43121	50	35.375	8	44252	50	36	8	45383	50	36.75	10	46515	52	37.5
48"	8	44252	56	38.88	8	45383	56	39.625	8	46515	56	40.25	8	47646	56	41	10	48777	58	41.75
52"	8	46515	60	41.75	8	47646	60	42.375	8	48777	60	43.125	8	49909	60	43.875	10	51040	62	44.5
60"	8	48777	68	47.38	8	49909	68	48.125	8	51040	68	48.75	8	52172	68	49.5	10	53303	70	50.25

PIPE SIZE	INSULATION THICKNESS															
	6"				6-1/2"				7"				7-1/2"			
	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)
1/2"	8	1125	8.875	9.125	8	1207	8.875	9.75	10	1289	10.88	10.5	10	1371	10.875	11.25
3/4"	8	1126	9	9.25	8	1208	9	9.875	10	1290	11	10.625	10	1372	11	11.375
1"	8	1127	9.375	9.375	8	1209	9.375	10.125	10	1291	11.38	10.875	10	1373	11.375	11.5
1-1/4"	8	1168	9.625	9.625	8	1229	9.625	10.375	10	1291	11.63	11.125	10	1352	11.625	11.75
1-1/2"	8	1218	9.875	9.875	8	1289	9.875	10.5	10	1382	11.88	11.25	10	1453	11.875	12
2"	8	1216	10.38	10.13	8	1287	10.38	10.875	10	1380	12.38	11.625	10	1451	12.375	12.25
3"	8	1322	11.5	11	8	1404	11.5	11.625	10	1486	13.5	12.375	10	1568	13.5	13.125
4"	8	1404	12.5	11.63	8	1486	12.5	12.375	10	1568	14.5	13.125	10	1650	14.5	13.75
6"	8	1578	14.63	13.13	8	1660	14.63	13.875	10	1742	16.63	14.625	10	1824	16.625	15.25
8"	8	2612	16.63	14.63	10	2736	18.63	15.25	10	2859	18.63	16	10	2982	18.625	16.75
10"	8	4575	18.75	16.13	10	4796	20.75	16.75	10	4921	20.75	17.5	10	5044	20.75	18.25
12"	8	6735	20.75	17.5	10	6921	22.75	18.25	10	7108	22.75	18.875	10	7295	22.75	19.625
14"	8	6875	22	18.38	10	7061	24	19.125	10	7248	24	19.75	10	7435	24	20.5
16"	10	7872	26	19.75	10	8152	26	20.5	10	8432	26	21.25	10	8712	26	21.875
18"	10	14054	28	21.25	10	14520	28	21.875	10	14987	28	22.625	10	15454	28	23.375
20"	10	14987	30	22.63	10	15454	30	23.375	10	15920	30	24	10	16387	30	24.75
24"	10	22472	34	25.5	10	23094	34	26.125	10	23716	34	26.875	10	24339	34	27.625
30"	10	43121	40	29.75	10	44252	40	30.375	10	45383	40	31.125	12	46515	42	31.875
36"	10	45383	46	34	10	46515	46	34.625	10	47646	46	35.375	12	48777	48	36
42"	10	47646	52	38.13	10	48777	52	38.875	10	49909	52	39.625	12	51040	54	40.25
48"	10	49909	58	42.38	10	51040	58	43.125	10	52172	58	43.875	12	53303	60	44.5
52"	10	52172	62	45.25	10	53303	62	46	10	54432	62	46.625	12	55566	64	47.375
60"	10	54432	70	50.88	10	55566	70	51.625	10	56697	70	52.375	12	57828	72	53

IMPERIAL

Insulated Guided (90 degree) Double Layer

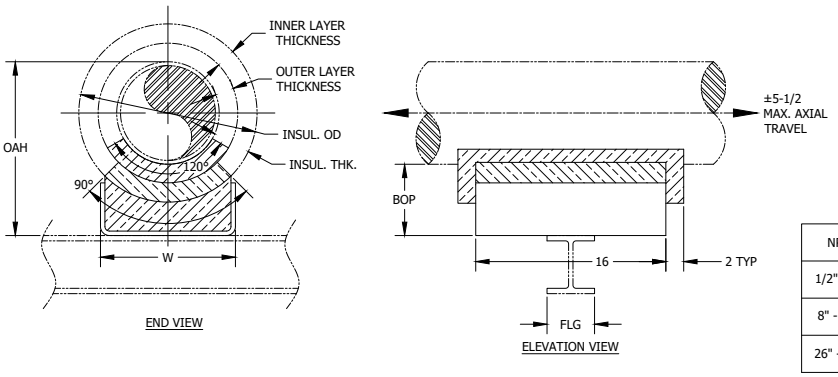
LEGACY DESIGNATION: IG-90-DL-R

DESIGNATION EXAMPLE

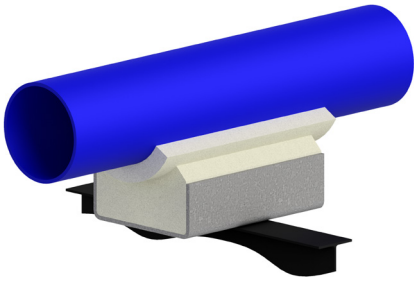
Model No. | Nominal Pipe Size | Insulation Thickness | BOP (in)

IG(90)DL - 8 x 3 - 6

Insulated **G**uided (90 degree) **D**ouble **L**ayer



NPS	FLG (MIN)
1/2" - 6"	3"
8" - 24"	6"
26" - 72"	8"



Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	INSULATION THICKNESS																			
	1"				1-1/2"				2"				2-1/2"				3"			
	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)
1/2"	4	244	4.875	2	4	336	4.875	2.75	4	418	4.875	3.375	4	551	4.875	4.125	6	633	6.875	4.875
3/4"	4	243	5	2.125	4	335	5	2.875	4	417	5	3.625	4	551	5	4.25	6	633	7	5
1"	4	297	5.375	2.375	4	379	5.375	3	4	468	5.375	3.75	4	553	5.375	4.5	6	635	7.375	5.125
1-1/4"	4	312	5.625	2.625	4	413	5.625	3.25	4	547	5.625	4	4	612	5.625	4.75	6	674	7.625	5.375
1-1/2"	4	336	5.875	2.75	4	418	5.875	3.5	4	551	5.875	4.125	4	633	5.875	4.875	6	715	7.875	5.625
2"	4	375	6.375	3.125	4	463	6.375	3.75	4	549	6.375	4.5	4	631	6.375	5.25	6	713	8.375	5.875
3"	4	464	7.5	3.875	4	580	7.5	4.625	4	662	7.5	5.25	4	744	7.5	6	6	826	9.5	6.75
4"	4	549	8.5	4.625	4	631	8.5	5.25	4	713	8.5	6	4	795	8.5	6.75	6	889	10.5	7.375
6"	4	677	10.63	6.125	4	801	10.63	6.75	4	941	10.63	7.5	4	965	10.625	8.25	6	1048	12.625	8.875
8"	4	1304	12.63	7.5	4	1498	12.63	8.25	4	1572	12.63	8.875	6	1727	14.625	9.625	6	1850	14.625	10.375
10"	4	2401	14.75	9	4	2618	14.75	9.75	4	2804	14.75	10.375	6	2991	16.75	11.125	6	3178	16.75	11.875
12"	4	4162	16.75	10.38	4	4487	16.75	11.125	4	4767	16.75	11.875	6	5047	18.75	12.5	6	5327	18.75	13.25
14"	4	4512	18	11.38	4	4792	18	12	4	5072	18	12.75	6	5352	20	13.375	6	5632	20	14.125
16"	4	5453	20	12.75	4	5568	20	13.375	6	5755	22	14.125	6	5853	22	14.875	6	6192	22	15.5
18"	4	9387	22	14.13	4	9853	22	14.875	6	10320	24	15.5	6	10787	24	16.25	6	11253	24	17
20"	4	10320	24	15.5	4	10787	24	16.25	6	11253	26	17	6	11720	26	17.625	6	12187	26	18.375
24"	4	16249	28	18.38	4	16871	28	19.125	6	17494	30	19.75	6	18116	30	20.5	6	18738	30	21.25
30"	4	31807	34	22.63	6	32938	36	23.375	6	34069	36	24	6	35201	36	24.75	6	36332	36	25.5
36"	4	34069	40	26.88	6	35201	42	27.625	6	36332	42	28.25	6	37464	42	29	6	38595	42	29.75
42"	4	36332	46	31.13	6	37464	48	31.875	6	38595	48	32.5	6	39726	48	33.25	6	40858	48	34
48"	4	38595	52	35.38	6	39726	54	36	6	40858	54	36.75	6	41989	54	37.5	6	43121	54	38.125
52"	4	40858	56	38.13	6	41989	58	38.875	6	43121	58	39.625	6	44252	58	40.25	6	45383	58	41
60"	4	43121	64	43.88	6	44252	66	44.5	6	45383	66	45.25	6	46515	66	46	6	47646	66	46.625

Insulated Guided (90 degree) Double Layer

LEGACY DESIGNATION: IG-90-DL-R

DESIGNATION EXAMPLE

Model No. | Nominal Pipe Size | Insulation Thickness | BOP (in)

IG(90)DL - 8 x 3 - 6

Insulated **G**uided (90 degree) **D**ouble **L**ayer

IMPERIAL

PIPE SIZE	INSULATION THICKNESS																			
	3-1/2"				4"				4-1/2"				5"				5-1/2"			
	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)
1/2"	6	715	6.875	5.5	6	797	6.875	6.25	6	879	6.875	7	8	961	8.875	7.625	8	1043	8.875	8.375
3/4"	6	716	7	5.75	6	798	7	6.375	6	880	7	7.125	8	962	9	7.875	8	1044	9	8.5
1"	6	717	7.375	5.875	6	799	7.375	6.625	6	881	7.375	7.25	8	963	9.375	8	8	1045	9.375	8.75
1-1/4"	6	736	7.625	6.125	6	797	7.625	6.875	6	868	7.625	7.5	8	930	9.625	8.25	8	1091	9.625	9
1-1/2"	6	797	7.875	6.25	6	890	7.875	7	6	961	7.875	7.75	8	1054	9.875	8.375	8	1125	9.875	9.125
2"	6	795	8.375	6.625	6	888	8.375	7.375	6	959	8.375	8	8	1052	10.375	8.75	8	1123	10.375	9.5
3"	6	920	9.5	7.375	6	1002	9.5	8.125	6	1076	9.5	8.875	8	1158	11.5	9.5	8	1240	11.5	10.25
4"	6	971	10.5	8.125	6	1053	10.5	8.875	6	1158	10.5	9.5	8	1240	12.5	10.25	8	1322	12.5	11
6"	6	1151	12.63	9.625	6	1233	12.63	10.375	6	1332	12.63	11	8	1414	14.625	11.75	8	1496	14.625	12.5
8"	6	1973	14.63	11	6	2096	14.63	11.75	8	2243	16.63	12.5	8	2366	16.625	13.125	8	2489	16.625	13.875
10"	6	3365	16.75	12.5	6	3552	16.75	13.25	8	3801	18.75	14	8	4028	18.75	14.625	8	4352	18.75	15.375
12"	6	5607	18.75	14	6	5925	18.75	14.625	8	6175	20.75	15.375	8	6361	20.75	16.125	8	6548	20.75	16.75
14"	6	5912	20	14.88	6	6192	20	15.5	8	6472	22	16.25	8	6501	22	17	8	6688	22	17.625
16"	6	6472	22	16.25	8	6752	24	17	8	7032	24	17.625	8	7312	24	18.375	8	7592	24	19.125
18"	6	11720	24	17.63	8	12187	26	18.375	8	12654	26	19.125	8	13120	26	19.75	8	13587	26	20.5
20"	6	12654	26	19.13	8	13120	28	19.75	8	13587	28	20.5	8	14054	28	21.25	8	14520	28	21.875
24"	6	19360	30	21.88	8	19983	32	22.625	8	20605	32	23.375	8	21227	32	24	8	21849	32	24.75
30"	8	37464	38	26.13	8	38595	38	26.875	8	39726	38	27.625	8	40858	38	28.25	10	41989	40	29
36"	8	39726	44	30.38	8	40858	44	31.125	8	41989	44	31.875	8	43121	44	32.5	10	44252	46	33.25
42"	8	41989	50	34.63	8	43121	50	35.375	8	44252	50	36	8	45383	50	36.75	10	46515	52	37.5
48"	8	44252	56	38.88	8	45383	56	39.625	8	46515	56	40.25	8	47646	56	41	10	48777	58	41.75
52"	8	46515	60	41.75	8	47646	60	42.375	8	48777	60	43.125	8	49909	60	43.875	10	51040	62	44.5
60"	8	48777	68	47.38	8	49909	68	48.125	8	51040	68	48.75	8	52172	68	49.5	10	53303	70	50.25

PIPE SIZE	INSULATION THICKNESS															
	6"				6-1/2"				7"				7-1/2"			
	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)
1/2"	8	1125	8.875	9.125	8	1207	8.875	9.75	10	1289	10.88	10.5	10	1371	10.875	11.25
3/4"	8	1126	9	9.25	8	1208	9	9.875	10	1290	11	10.625	10	1372	11	11.375
1"	8	1127	9.375	9.375	8	1209	9.375	10.125	10	1291	11.38	10.875	10	1373	11.375	11.5
1-1/4"	8	1168	9.625	9.625	8	1229	9.625	10.375	10	1291	11.63	11.125	10	1352	11.625	11.75
1-1/2"	8	1218	9.875	9.875	8	1289	9.875	10.5	10	1382	11.88	11.25	10	1453	11.875	12
2"	8	1216	10.38	10.13	8	1287	10.38	10.875	10	1380	12.38	11.625	10	1451	12.375	12.25
3"	8	1322	11.5	11	8	1404	11.5	11.625	10	1486	13.5	12.375	10	1568	13.5	13.125
4"	8	1404	12.5	11.63	8	1486	12.5	12.375	10	1568	14.5	13.125	10	1650	14.5	13.75
6"	8	1578	14.63	13.13	8	1660	14.63	13.875	10	1742	16.63	14.625	10	1824	16.625	15.25
8"	8	2612	16.63	14.63	10	2736	18.63	15.25	10	2859	18.63	16	10	2982	18.625	16.75
10"	8	4575	18.75	16.13	10	4796	20.75	16.75	10	4921	20.75	17.5	10	5044	20.75	18.25
12"	8	6735	20.75	17.5	10	6921	22.75	18.25	10	7108	22.75	18.875	10	7295	22.75	19.625
14"	8	6875	22	18.38	10	7061	24	19.125	10	7248	24	19.75	10	7435	24	20.5
16"	10	7872	26	19.75	10	8152	26	20.5	10	8432	26	21.25	10	8712	26	21.875
18"	10	14054	28	21.25	10	14520	28	21.875	10	14987	28	22.625	10	15454	28	23.375
20"	10	14987	30	22.63	10	15454	30	23.375	10	15920	30	24	10	16387	30	24.75
24"	10	22472	34	25.5	10	23094	34	26.125	10	23716	34	26.875	10	24339	34	27.625
30"	10	43121	40	29.75	10	44252	40	30.375	10	45383	40	31.125	12	46515	42	31.875
36"	10	45383	46	34	10	46515	46	34.625	10	47646	46	35.375	12	48777	48	36
42"	10	47646	52	38.13	10	48777	52	38.875	10	49909	52	39.625	12	51040	54	40.25
48"	10	49909	58	42.38	10	51040	58	43.125	10	52172	58	43.875	12	53303	60	44.5
52"	10	52172	62	45.25	10	53303	62	46	10	54432	62	46.625	12	55566	64	47.375
60"	10	54432	70	50.88	10	55566	70	51.625	10	56697	70	52.375	12	57828	72	53

Insulated Guided (180 degree) Single Layer

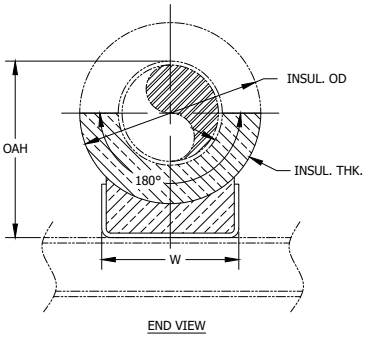
LEGACY DESIGNATION: IG-180-SL-R

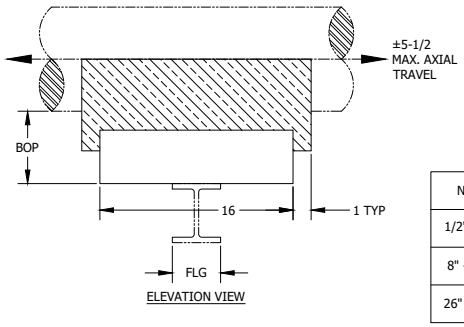
DESIGNATION EXAMPLE

Model No. | Nominal Pipe Size | Insulation Thickness | BOP (in)

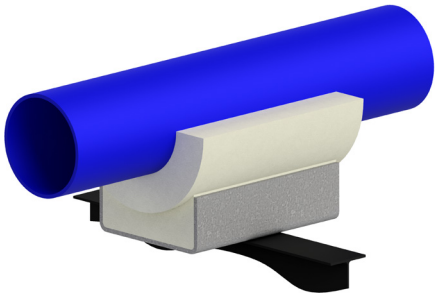
IG(180)SL - 8 x 3 - 6

Insulated **G**uided (180 degree) **S**ingle **L**ayer





NPS	FLG (MIN)
1/2" - 6"	3"
8" - 24"	6"
26" - 72"	8"



Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

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- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)

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Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	INSULATION THICKNESS																			
	1"				1-1/2"				2"				2-1/2"				3"			
	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)
1/2"	4	244	4.875	2	4	336	4.875	2.75	4	418	4.875	3.375	4	551	4.875	4.125	6	633	6.875	4.875
3/4"	4	243	5	2.125	4	335	5	2.875	4	417	5	3.625	4	551	5	4.25	6	633	7	5
1"	4	297	5.375	2.375	4	379	5.375	3	4	468	5.375	3.75	4	553	5.375	4.5	6	635	7.375	5.125
1-1/4"	4	312	5.625	2.625	4	413	5.625	3.25	4	547	5.625	4	4	612	5.625	4.75	6	674	7.625	5.375
1-1/2"	4	336	5.875	2.75	4	418	5.875	3.5	4	551	5.875	4.125	4	633	5.875	4.875	6	715	7.875	5.625
2"	4	375	6.375	3.125	4	463	6.375	3.75	4	549	6.375	4.5	4	631	6.375	5.25	6	713	8.375	5.875
3"	4	464	7.5	3.875	4	580	7.5	4.625	4	662	7.5	5.25	4	744	7.5	6	6	826	9.5	6.75
4"	4	549	8.5	4.625	4	631	8.5	5.25	4	713	8.5	6	4	795	8.5	6.75	6	889	10.5	7.375
6"	4	677	10.63	6.125	4	801	10.63	6.75	4	941	10.63	7.5	4	965	10.625	8.25	6	1048	12.625	8.875
8"	4	1304	12.63	7.5	4	1498	12.63	8.25	4	1572	12.63	8.875	6	1727	14.625	9.625	6	1850	14.625	10.375
10"	4	2401	14.75	9	4	2618	14.75	9.75	4	2804	14.75	10.375	6	2991	16.75	11.125	6	3178	16.75	11.875
12"	4	4162	16.75	10.38	4	4487	16.75	11.125	4	4767	16.75	11.875	6	5047	18.75	12.5	6	5327	18.75	13.25
14"	4	4512	18	11.38	4	4792	18	12	4	5072	18	12.75	6	5352	20	13.375	6	5632	20	14.125
16"	4	5453	20	12.75	4	5568	20	13.375	6	5755	22	14.125	6	5853	22	14.875	6	6192	22	15.5
18"	4	9387	22	14.13	4	9853	22	14.875	6	10320	24	15.5	6	10787	24	16.25	6	11253	24	17
20"	4	10320	24	15.5	4	10787	24	16.25	6	11253	26	17	6	11720	26	17.625	6	12187	26	18.375
24"	4	16249	28	18.38	4	16871	28	19.125	6	17494	30	19.75	6	18116	30	20.5	6	18738	30	21.25
30"	4	31807	34	22.63	6	32938	36	23.375	6	34069	36	24	6	35201	36	24.75	6	36332	36	25.5
36"	4	34069	40	26.88	6	35201	42	27.625	6	36332	42	28.25	6	37464	42	29	6	38595	42	29.75
42"	4	36332	46	31.13	6	37464	48	31.875	6	38595	48	32.5	6	39726	48	33.25	6	40858	48	34
48"	4	38595	52	35.38	6	39726	54	36	6	40858	54	36.75	6	41989	54	37.5	6	43121	54	38.125
52"	4	40858	56	38.13	6	41989	58	38.875	6	43121	58	39.625	6	44252	58	40.25	6	45383	58	41
60"	4	43121	64	43.88	6	44252	66	44.5	6	45383	66	45.25	6	46515	66	46	6	47646	66	46.625

Insulated Guided (180 degree) Single Layer

LEGACY DESIGNATION: IG-180-SL-R

DESIGNATION EXAMPLE

Model No. | Nominal Pipe Size | Insulation Thickness | BOP (in)

IG(180)SL - 8 x 3 - 6

Insulated **G**uided (180 degree) **S**ingle **L**ayer

IMPERIAL

PIPE SIZE	INSULATION THICKNESS																			
	3-1/2"				4"				4-1/2"				5"				5-1/2"			
	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)
1/2"	6	715	6.875	5.5	6	797	6.875	6.25	6	879	6.875	7	8	961	8.875	7.625	8	1043	8.875	8.375
3/4"	6	716	7	5.75	6	798	7	6.375	6	880	7	7.125	8	962	9	7.875	8	1044	9	8.5
1"	6	717	7.375	5.875	6	799	7.375	6.625	6	881	7.375	7.25	8	963	9.375	8	8	1045	9.375	8.75
1-1/4"	6	736	7.625	6.125	6	797	7.625	6.875	6	868	7.625	7.5	8	930	9.625	8.25	8	1091	9.625	9
1-1/2"	6	797	7.875	6.25	6	890	7.875	7	6	961	7.875	7.75	8	1054	9.875	8.375	8	1125	9.875	9.125
2"	6	795	8.375	6.625	6	888	8.375	7.375	6	959	8.375	8	8	1052	10.375	8.75	8	1123	10.375	9.5
3"	6	920	9.5	7.375	6	1002	9.5	8.125	6	1076	9.5	8.875	8	1158	11.5	9.5	8	1240	11.5	10.25
4"	6	971	10.5	8.125	6	1053	10.5	8.875	6	1158	10.5	9.5	8	1240	12.5	10.25	8	1322	12.5	11
6"	6	1151	12.63	9.625	6	1233	12.63	10.375	6	1332	12.63	11	8	1414	14.625	11.75	8	1496	14.625	12.5
8"	6	1973	14.63	11	6	2096	14.63	11.75	8	2243	16.63	12.5	8	2366	16.625	13.125	8	2489	16.625	13.875
10"	6	3365	16.75	12.5	6	3552	16.75	13.25	8	3801	18.75	14	8	4028	18.75	14.625	8	4352	18.75	15.375
12"	6	5607	18.75	14	6	5925	18.75	14.625	8	6175	20.75	15.375	8	6361	20.75	16.125	8	6548	20.75	16.75
14"	6	5912	20	14.88	6	6192	20	15.5	8	6472	22	16.25	8	6501	22	17	8	6688	22	17.625
16"	6	6472	22	16.25	8	6752	24	17	8	7032	24	17.625	8	7312	24	18.375	8	7592	24	19.125
18"	6	11720	24	17.63	8	12187	26	18.375	8	12654	26	19.125	8	13120	26	19.75	8	13587	26	20.5
20"	6	12654	26	19.13	8	13120	28	19.75	8	13587	28	20.5	8	14054	28	21.25	8	14520	28	21.875
24"	6	19360	30	21.88	8	19983	32	22.625	8	20605	32	23.375	8	21227	32	24	8	21849	32	24.75
30"	8	37464	38	26.13	8	38595	38	26.875	8	39726	38	27.625	8	40858	38	28.25	10	41989	40	29
36"	8	39726	44	30.38	8	40858	44	31.125	8	41989	44	31.875	8	43121	44	32.5	10	44252	46	33.25
42"	8	41989	50	34.63	8	43121	50	35.375	8	44252	50	36	8	45383	50	36.75	10	46515	52	37.5
48"	8	44252	56	38.88	8	45383	56	39.625	8	46515	56	40.25	8	47646	56	41	10	48777	58	41.75
52"	8	46515	60	41.75	8	47646	60	42.375	8	48777	60	43.125	8	49909	60	43.875	10	51040	62	44.5
60"	8	48777	68	47.38	8	49909	68	48.125	8	51040	68	48.75	8	52172	68	49.5	10	53303	70	50.25

PIPE SIZE	INSULATION THICKNESS															
	6"				6-1/2"				7"				7-1/2"			
	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)
1/2"	8	1125	8.875	9.125	8	1207	8.875	9.75	10	1289	10.88	10.5	10	1371	10.875	11.25
3/4"	8	1126	9	9.25	8	1208	9	9.875	10	1290	11	10.625	10	1372	11	11.375
1"	8	1127	9.375	9.375	8	1209	9.375	10.125	10	1291	11.38	10.875	10	1373	11.375	11.5
1-1/4"	8	1168	9.625	9.625	8	1229	9.625	10.375	10	1291	11.63	11.125	10	1352	11.625	11.75
1-1/2"	8	1218	9.875	9.875	8	1289	9.875	10.5	10	1382	11.88	11.25	10	1453	11.875	12
2"	8	1216	10.38	10.13	8	1287	10.38	10.875	10	1380	12.38	11.625	10	1451	12.375	12.25
3"	8	1322	11.5	11	8	1404	11.5	11.625	10	1486	13.5	12.375	10	1568	13.5	13.125
4"	8	1404	12.5	11.63	8	1486	12.5	12.375	10	1568	14.5	13.125	10	1650	14.5	13.75
6"	8	1578	14.63	13.13	8	1660	14.63	13.875	10	1742	16.63	14.625	10	1824	16.625	15.25
8"	8	2612	16.63	14.63	10	2736	18.63	15.25	10	2859	18.63	16	10	2982	18.625	16.75
10"	8	4575	18.75	16.13	10	4796	20.75	16.75	10	4921	20.75	17.5	10	5044	20.75	18.25
12"	8	6735	20.75	17.5	10	6921	22.75	18.25	10	7108	22.75	18.875	10	7295	22.75	19.625
14"	8	6875	22	18.38	10	7061	24	19.125	10	7248	24	19.75	10	7435	24	20.5
16"	10	7872	26	19.75	10	8152	26	20.5	10	8432	26	21.25	10	8712	26	21.875
18"	10	14054	28	21.25	10	14520	28	21.875	10	14987	28	22.625	10	15454	28	23.375
20"	10	14987	30	22.63	10	15454	30	23.375	10	15920	30	24	10	16387	30	24.75
24"	10	22472	34	25.5	10	23094	34	26.125	10	23716	34	26.875	10	24339	34	27.625
30"	10	43121	40	29.75	10	44252	40	30.375	10	45383	40	31.125	12	46515	42	31.875
36"	10	45383	46	34	10	46515	46	34.625	10	47646	46	35.375	12	48777	48	36
42"	10	47646	52	38.13	10	48777	52	38.875	10	49909	52	39.625	12	51040	54	40.25
48"	10	49909	58	42.38	10	51040	58	43.125	10	52172	58	43.875	12	53303	60	44.5
52"	10	52172	62	45.25	10	53303	62	46	10	54432	62	46.625	12	55566	64	47.375
60"	10	54432	70	50.88	10	55566	70	51.625	10	56697	70	52.375	12	57828	72	53

Insulated Guided (180 degree) Double Layer

DESIGNATION EXAMPLE

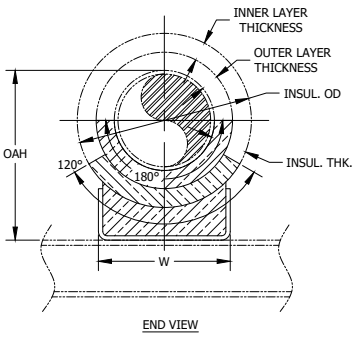
Model No. | Nominal Pipe Size | Insulation Thickness | BOP (in)

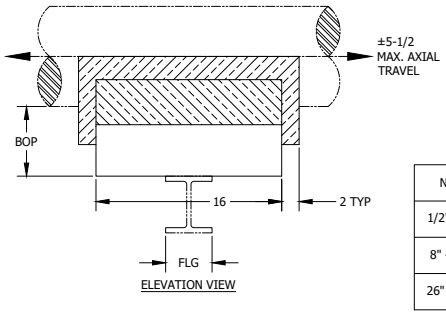
IG(180)DL - 8 x 3 - 6

Insulated **G**uided (180 degree) **D**ouble **L**ayer

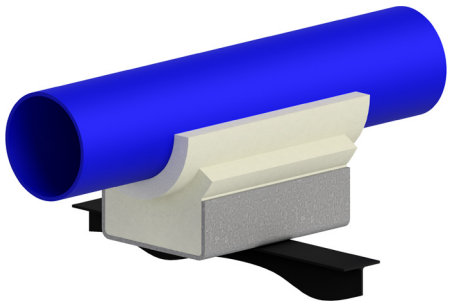
LEGACY DESIGNATION: IG-180-DL-R

IMPERIAL





NPS	FLG (MIN)
1/2" - 6"	3"
8" - 24"	6"
26" - 72"	8"



Applications & Features:

- Temperature range from -425 Deg F to 275 Deg F
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	INSULATION THICKNESS																			
	1"				1-1/2"				2"				2-1/2"				3"			
	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)
1/2"	4	244	4.875	2	4	336	4.875	2.75	4	418	4.875	3.375	4	551	4.875	4.125	6	633	6.875	4.875
3/4"	4	243	5	2.125	4	335	5	2.875	4	417	5	3.625	4	551	5	4.25	6	633	7	5
1"	4	297	5.375	2.375	4	379	5.375	3	4	468	5.375	3.75	4	553	5.375	4.5	6	635	7.375	5.125
1-1/4"	4	312	5.625	2.625	4	413	5.625	3.25	4	547	5.625	4	4	612	5.625	4.75	6	674	7.625	5.375
1-1/2"	4	336	5.875	2.75	4	418	5.875	3.5	4	551	5.875	4.125	4	633	5.875	4.875	6	715	7.875	5.625
2"	4	375	6.375	3.125	4	463	6.375	3.75	4	549	6.375	4.5	4	631	6.375	5.25	6	713	8.375	5.875
3"	4	464	7.5	3.875	4	580	7.5	4.625	4	662	7.5	5.25	4	744	7.5	6	6	826	9.5	6.75
4"	4	549	8.5	4.625	4	631	8.5	5.25	4	713	8.5	6	4	795	8.5	6.75	6	889	10.5	7.375
6"	4	677	10.63	6.125	4	801	10.63	6.75	4	941	10.63	7.5	4	965	10.625	8.25	6	1048	12.625	8.875
8"	4	1304	12.63	7.5	4	1498	12.63	8.25	4	1572	12.63	8.875	6	1727	14.625	9.625	6	1850	14.625	10.375
10"	4	2401	14.75	9	4	2618	14.75	9.75	4	2804	14.75	10.375	6	2991	16.75	11.125	6	3178	16.75	11.875
12"	4	4162	16.75	10.38	4	4487	16.75	11.125	4	4767	16.75	11.875	6	5047	18.75	12.5	6	5327	18.75	13.25
14"	4	4512	18	11.38	4	4792	18	12	4	5072	18	12.75	6	5352	20	13.375	6	5632	20	14.125
16"	4	5453	20	12.75	4	5568	20	13.375	6	5755	22	14.125	6	5853	22	14.875	6	6192	22	15.5
18"	4	9387	22	14.13	4	9853	22	14.875	6	10320	24	15.5	6	10787	24	16.25	6	11253	24	17
20"	4	10320	24	15.5	4	10787	24	16.25	6	11253	26	17	6	11720	26	17.625	6	12187	26	18.375
24"	4	16249	28	18.38	4	16871	28	19.125	6	17494	30	19.75	6	18116	30	20.5	6	18738	30	21.25
30"	4	31807	34	22.63	6	32938	36	23.375	6	34069	36	24	6	35201	36	24.75	6	36332	36	25.5
36"	4	34069	40	26.88	6	35201	42	27.625	6	36332	42	28.25	6	37464	42	29	6	38595	42	29.75
42"	4	36332	46	31.13	6	37464	48	31.875	6	38595	48	32.5	6	39726	48	33.25	6	40858	48	34
48"	4	38595	52	35.38	6	39726	54	36	6	40858	54	36.75	6	41989	54	37.5	6	43121	54	38.125
52"	4	40858	56	38.13	6	41989	58	38.875	6	43121	58	39.625	6	44252	58	40.25	6	45383	58	41
60"	4	43121	64	43.88	6	44252	66	44.5	6	45383	66	45.25	6	46515	66	46	6	47646	66	46.625

Insulated Guided (180 degree) Double Layer

LEGACY DESIGNATION: IG-180-DL-R

DESIGNATION EXAMPLE

Model No. | Nominal Pipe Size | Insulation Thickness | BOP (in)

IG(180)DL - 8 x 3 - 6

Insulated **G**uided (180 degree) **D**ouble **L**ayer

IMPERIAL

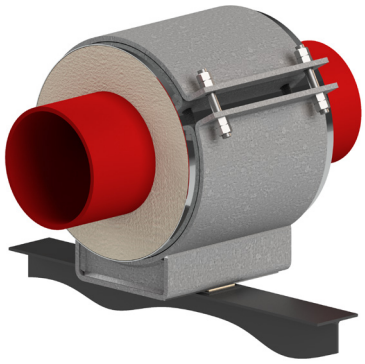
PIPE SIZE	INSULATION THICKNESS																			
	3-1/2"				4"				4-1/2"				5"				5-1/2"			
	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)
1/2"	6	715	6.875	5.5	6	797	6.875	6.25	6	879	6.875	7	8	961	8.875	7.625	8	1043	8.875	8.375
3/4"	6	716	7	5.75	6	798	7	6.375	6	880	7	7.125	8	962	9	7.875	8	1044	9	8.5
1"	6	717	7.375	5.875	6	799	7.375	6.625	6	881	7.375	7.25	8	963	9.375	8	8	1045	9.375	8.75
1-1/4"	6	736	7.625	6.125	6	797	7.625	6.875	6	868	7.625	7.5	8	930	9.625	8.25	8	1091	9.625	9
1-1/2"	6	797	7.875	6.25	6	890	7.875	7	6	961	7.875	7.75	8	1054	9.875	8.375	8	1125	9.875	9.125
2"	6	795	8.375	6.625	6	888	8.375	7.375	6	959	8.375	8	8	1052	10.375	8.75	8	1123	10.375	9.5
3"	6	920	9.5	7.375	6	1002	9.5	8.125	6	1076	9.5	8.875	8	1158	11.5	9.5	8	1240	11.5	10.25
4"	6	971	10.5	8.125	6	1053	10.5	8.875	6	1158	10.5	9.5	8	1240	12.5	10.25	8	1322	12.5	11
6"	6	1151	12.63	9.625	6	1233	12.63	10.375	6	1332	12.63	11	8	1414	14.625	11.75	8	1496	14.625	12.5
8"	6	1973	14.63	11	6	2096	14.63	11.75	8	2243	16.63	12.5	8	2366	16.625	13.125	8	2489	16.625	13.875
10"	6	3365	16.75	12.5	6	3552	16.75	13.25	8	3801	18.75	14	8	4028	18.75	14.625	8	4352	18.75	15.375
12"	6	5607	18.75	14	6	5925	18.75	14.625	8	6175	20.75	15.375	8	6361	20.75	16.125	8	6548	20.75	16.75
14"	6	5912	20	14.88	6	6192	20	15.5	8	6472	22	16.25	8	6501	22	17	8	6688	22	17.625
16"	6	6472	22	16.25	8	6752	24	17	8	7032	24	17.625	8	7312	24	18.375	8	7592	24	19.125
18"	6	11720	24	17.63	8	12187	26	18.375	8	12654	26	19.125	8	13120	26	19.75	8	13587	26	20.5
20"	6	12654	26	19.13	8	13120	28	19.75	8	13587	28	20.5	8	14054	28	21.25	8	14520	28	21.875
24"	6	19360	30	21.88	8	19983	32	22.625	8	20605	32	23.375	8	21227	32	24	8	21849	32	24.75
30"	8	37464	38	26.13	8	38595	38	26.875	8	39726	38	27.625	8	40858	38	28.25	10	41989	40	29
36"	8	39726	44	30.38	8	40858	44	31.125	8	41989	44	31.875	8	43121	44	32.5	10	44252	46	33.25
42"	8	41989	50	34.63	8	43121	50	35.375	8	44252	50	36	8	45383	50	36.75	10	46515	52	37.5
48"	8	44252	56	38.88	8	45383	56	39.625	8	46515	56	40.25	8	47646	56	41	10	48777	58	41.75
52"	8	46515	60	41.75	8	47646	60	42.375	8	48777	60	43.125	8	49909	60	43.875	10	51040	62	44.5
60"	8	48777	68	47.38	8	49909	68	48.125	8	51040	68	48.75	8	52172	68	49.5	10	53303	70	50.25

PIPE SIZE	INSULATION THICKNESS															
	6"				6-1/2"				7"				7-1/2"			
	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)	BOP (in)	VERTICAL LOAD (lbs)	OAH (in)	W (in)
1/2"	8	1125	8.875	9.125	8	1207	8.875	9.75	10	1289	10.88	10.5	10	1371	10.875	11.25
3/4"	8	1126	9	9.25	8	1208	9	9.875	10	1290	11	10.625	10	1372	11	11.375
1"	8	1127	9.375	9.375	8	1209	9.375	10.125	10	1291	11.38	10.875	10	1373	11.375	11.5
1-1/4"	8	1168	9.625	9.625	8	1229	9.625	10.375	10	1291	11.63	11.125	10	1352	11.625	11.75
1-1/2"	8	1218	9.875	9.875	8	1289	9.875	10.5	10	1382	11.88	11.25	10	1453	11.875	12
2"	8	1216	10.38	10.13	8	1287	10.38	10.875	10	1380	12.38	11.625	10	1451	12.375	12.25
3"	8	1322	11.5	11	8	1404	11.5	11.625	10	1486	13.5	12.375	10	1568	13.5	13.125
4"	8	1404	12.5	11.63	8	1486	12.5	12.375	10	1568	14.5	13.125	10	1650	14.5	13.75
6"	8	1578	14.63	13.13	8	1660	14.63	13.875	10	1742	16.63	14.625	10	1824	16.625	15.25
8"	8	2612	16.63	14.63	10	2736	18.63	15.25	10	2859	18.63	16	10	2982	18.625	16.75
10"	8	4575	18.75	16.13	10	4796	20.75	16.75	10	4921	20.75	17.5	10	5044	20.75	18.25
12"	8	6735	20.75	17.5	10	6921	22.75	18.25	10	7108	22.75	18.875	10	7295	22.75	19.625
14"	8	6875	22	18.38	10	7061	24	19.125	10	7248	24	19.75	10	7435	24	20.5
16"	10	7872	26	19.75	10	8152	26	20.5	10	8432	26	21.25	10	8712	26	21.875
18"	10	14054	28	21.25	10	14520	28	21.875	10	14987	28	22.625	10	15454	28	23.375
20"	10	14987	30	22.63	10	15454	30	23.375	10	15920	30	24	10	16387	30	24.75
24"	10	22472	34	25.5	10	23094	34	26.125	10	23716	34	26.875	10	24339	34	27.625
30"	10	43121	40	29.75	10	44252	40	30.375	10	45383	40	31.125	12	46515	42	31.875
36"	10	45383	46	34	10	46515	46	34.625	10	47646	46	35.375	12	48777	48	36
42"	10	47646	52	38.13	10	48777	52	38.875	10	49909	52	39.625	12	51040	54	40.25
48"	10	49909	58	42.38	10	51040	58	43.125	10	52172	58	43.875	12	53303	60	44.5
52"	10	52172	62	45.25	10	53303	62	46	10	54432	62	46.625	12	55566	64	47.375
60"	10	54432	70	50.88	10	55566	70	51.625	10	56697	70	52.375	12	57828	72	53

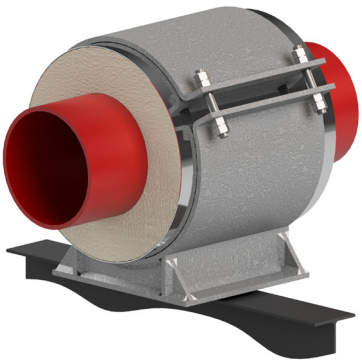
Bent Ear Calcium Silicate Supports

METRIC

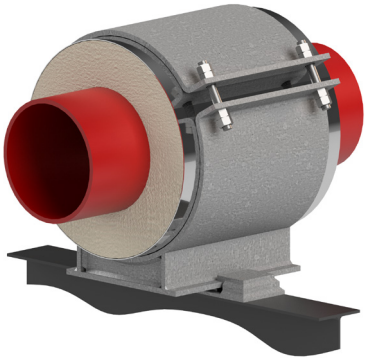
Calcium Silicate Bent Ear Overview



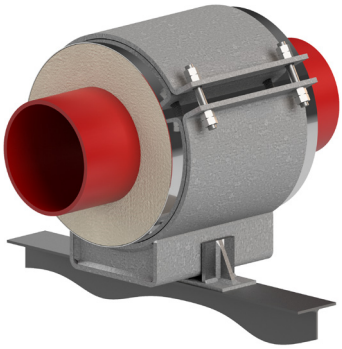
Calcium Silicate
Resting



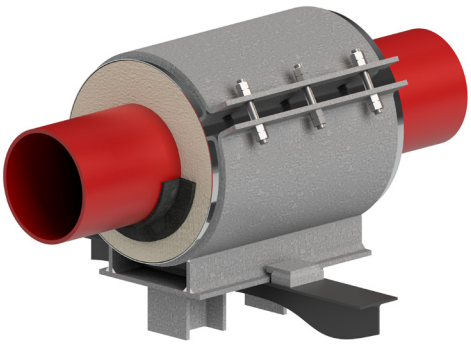
Calcium Silicate
High Lateral Travel



Calcium Silicate Vertically
Restrained Guided



Calcium Silicate
Guided



Calcium Silicate
Anchor

Calcium Silicate Resting

LEGACY DESIGNATION:

HS-1000; HS-1100; HS-1200; HS-1300;

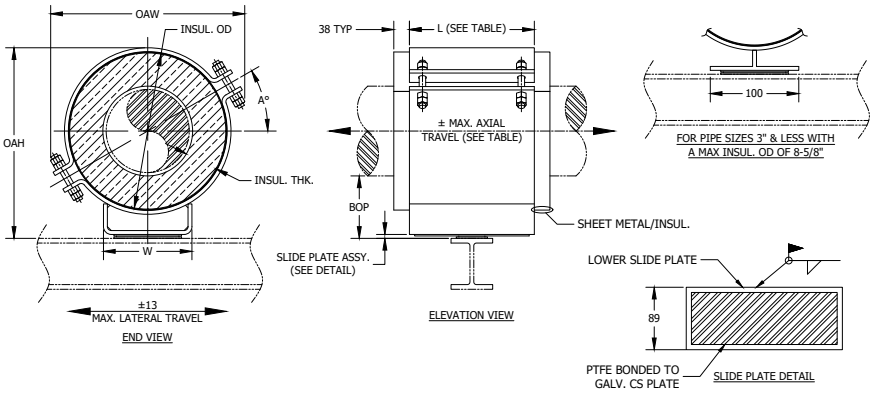
HS-2000; HS-2100; HS-2200; HS-2300

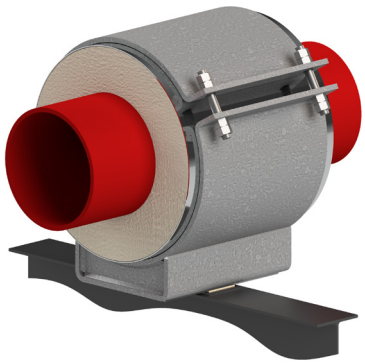
METRIC

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
HSCS -	8 x	75 -	150 -	300 -	5.3

Hot **S**lide **C**alcium **S**ilicate





*W - Dimension is calculated by multiplying (INSULATION OD*0.55)

Applications & Features:

- Accommodates axial travel up to 9" if shoe is offset from supporting steel
- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Teflon® slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 Steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Support features water-resistant calcium silicate insulation with high density marinite structural inserts
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (±13 mm Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:

1) Dimensions in millimeters unless noted

2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			25 mm				40 mm				50 mm				65 mm				75 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.4	1.1	102	72	152	165	102	102	178	178	102	122	203	191	102	152	229	216	152	172	254	279
3/4"	0.5	1.2	102	77	152	165	102	107	178	178	102	127	203	191	102	157	229	216	152	177	254	279
1"	0.7	1.8	102	84	165	178	102	114	191	191	102	134	203	203	102	164	229	216	152	184	254	279
1-1/2"	1.1	2.7	102	99	178	191	102	129	203	203	102	149	229	229	102	179	254	241	152	199	279	305
2"	1.3	3.3	102	111	191	203	102	141	203	216	102	161	229	229	102	191	254	241	152	211	279	305
2-1/2"	1.6	4	102	124	203	216	102	154	229	241	102	174	254	254	102	204	279	267	152	224	305	330
3"	2.4	9.4	102	139	203	229	102	169	229	241	102	189	254	254	102	219	279	267	152	239	305	330
4"	3.7	14.9	102	165	229	254	102	195	254	267	102	215	279	279	102	245	305	292	152	265	318	356
6"	5.7	22.7	102	219	305	305	102	249	318	318	102	269	343	343	102	299	368	356	152	319	394	419
8"	7.6	30.2	102	270	343	368	102	300	368	381	102	320	394	394	152	350	419	457	152	370	445	470
10"	8.9	35.6	102	324	394	419	102	354	419	432	102	374	445	445	152	404	457	508	152	424	483	521
12"	9.8	39.1	102	374	445	470	102	404	457	483	102	424	483	495	152	454	508	559	152	474	521	572
14"	11.1	44.5	102	406	457	495	102	436	483	508	102	456	508	521	152	486	521	584	152	506	546	597
16"	12.9	51.6	102	457	508	546	102	487	533	559	152	507	559	622	152	537	584	635	152	557	597	648
18"	14.2	56.9	102	508	559	597	102	538	584	610	152	558	597	673	152	588	622	686	152	608	648	699
20"	15.1	60.5	102	558	597	648	102	588	622	660	152	608	648	724	152	638	673	737	152	658	686	749
24"	16	64.2	102	660	749	762	102	690	775	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	20.9	83.6	102	812	876	914	152	842	902	978	152	862	927	991	152	892	953	1003	152	912	965	1016
36"	24.5	97.9	102	965	1016	1067	152	995	1029	1130	152	1015	1054	1143	152	1045	1080	1156	152	1065	1105	1168
42"	27.6	110.3	102	1117	1156	1219	152	1147	1181	1283	152	1167	1207	1295	152	1197	1232	1308	152	1217	1257	1321
48"	31.6	126.3	102	1270	1308	1372	152	1300	1334	1435	152	1320	1359	1448	152	1350	1384	1461	152	1370	1410	1473
56"	36.9	147.2	102	1473	1511	1575	152	1503	1537	1638	152	1523	1562	1651	152	1553	1588	1664	152	1573	1613	1676
60"	39.6	157.9	102	1574	1613	1676	152	1604	1638	1740	152	1624	1664	1753	152	1654	1689	1765	152	1674	1715	1778
66"	43.6	173.5	102	1727	1765	1803	152	1757	1791	1867	152	1777	1816	1880	152	1807	1842	1892	152	1827	1867	1905
72"	47.6	189.5	102	1879	1918	1981	152	1909	1943	2045	152	1929	1969	2057	152	1959	1994	2070	152	1979	2019	2083

Calcium Silicate Resting

LEGACY DESIGNATION:
HS-1000; HS-1100; HS-1200; HS-1300;
HS-2000; HS-2100; HS-2200; HS-2300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
HSCS -	8 x	75 -	150 -	300 -	5.3

Hot **S**lide **C**alcium **S**ilicate

METRIC

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			90 mm				100 mm				115 mm				130 mm				140 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.4	1.1	152	202	279	292	152	222	305	305	152	252	318	318	203	282	343	381	203	302	368	394
3/4"	0.5	1.2	152	207	279	292	152	227	305	305	152	257	318	318	203	287	343	381	203	307	368	394
1"	0.7	1.8	152	214	279	292	152	234	305	305	152	264	318	318	203	294	343	381	203	314	368	394
1-1/2"	1.1	2.7	152	229	305	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	394	419
2"	1.3	3.3	152	241	305	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	394	419
2-1/2"	1.6	4	152	254	318	343	152	274	343	356	152	304	368	368	203	334	394	432	203	354	419	445
3"	2.4	9.4	152	269	318	343	152	289	343	356	152	319	368	368	203	349	394	445	203	369	419	457
4"	3.7	14.9	152	295	343	368	152	315	368	381	152	345	394	406	203	375	419	470	203	395	445	483
6"	5.7	22.7	152	349	419	432	152	369	445	445	152	399	457	457	203	429	483	521	203	449	508	533
8"	7.6	30.2	152	400	457	483	152	420	483	495	203	450	508	559	203	480	521	572	203	500	546	584
10"	8.9	35.6	152	454	508	533	152	474	521	546	203	504	546	610	203	534	572	622	203	554	597	635
12"	9.8	39.1	152	504	546	584	152	524	572	597	203	554	597	660	203	584	610	673	203	604	635	686
14"	11.1	44.5	152	536	572	610	152	556	597	622	203	586	610	686	203	616	635	699	203	636	660	711
16"	12.9	51.6	152	587	622	660	203	607	648	724	203	637	673	737	203	667	686	749	203	687	711	762
18"	14.2	56.9	152	638	673	711	203	658	686	775	203	688	711	787	203	718	737	800	203	738	762	813
20"	15.1	60.5	152	688	711	762	203	708	737	826	203	738	762	838	203	768	787	851	203	788	813	864
24"	16	64.2	152	790	864	876	203	810	876	940	203	840	902	953	203	870	927	965	203	890	953	978
30"	20.9	83.6	203	942	991	1080	203	962	1016	1092	203	992	1029	1105	203	1022	1054	1118	254	1042	1080	1181
36"	24.5	97.9	203	1095	1130	1232	203	1115	1156	1245	203	1145	1181	1257	203	1175	1207	1270	254	1195	1232	1334
42"	27.6	110.3	203	1247	1283	1384	203	1267	1308	1397	203	1297	1334	1410	203	1327	1359	1422	254	1347	1384	1486
48"	31.6	126.3	203	1400	1435	1537	203	1420	1461	1549	203	1450	1486	1562	203	1480	1511	1575	254	1500	1537	1638
56"	36.9	147.2	203	1603	1638	1740	203	1623	1664	1753	203	1653	1689	1765	203	1683	1715	1778	254	1703	1740	1842
60"	39.6	157.9	203	1704	1740	1842	203	1724	1765	1854	203	1754	1791	1867	203	1784	1816	1880	254	1804	1842	1943
66"	43.6	173.5	203	1857	1892	1969	203	1877	1918	1981	203	1907	1943	1994	203	1937	1969	2007	254	1957	1994	2070
72"	47.6	189.5	203	2009	2045	2146	203	2029	2070	2159	203	2059	2096	2172	203	2089	2121	2184	254	2109	2146	2248

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			150 mm				165 mm				180 mm				190 mm				200 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.4	1.1	203	322	394	406	203	352	419	419	254	382	445	483	254	402	457	495	254	422	483	508
3/4"	0.5	1.2	203	327	394	406	203	357	419	419	254	387	445	483	254	407	457	495	254	427	483	508
1"	0.7	1.8	203	334	394	406	203	364	419	419	254	394	445	483	254	414	457	495	254	434	483	508
1-1/2"	1.1	2.7	203	349	419	432	203	379	445	445	254	409	457	508	254	429	483	521	254	449	508	533
2"	1.3	3.3	203	361	419	432	203	391	445	445	254	421	457	508	254	441	483	521	254	461	508	533
2-1/2"	1.6	4	203	374	445	457	203	404	457	470	254	434	483	533	254	454	508	546	254	474	521	559
3"	2.4	9.4	203	389	445	470	203	419	457	483	254	449	483	546	254	469	508	559	254	489	521	572
4"	3.7	14.9	203	415	457	495	203	445	483	508	254	475	508	572	254	495	521	584	254	515	546	597
6"	5.7	22.7	203	469	521	546	203	499	546	559	254	529	572	622	254	549	597	635	254	569	610	648
8"	7.6	30.2	203	520	572	597	254	550	597	660	254	580	610	673	254	600	635	686	254	620	660	699
10"	8.9	35.6	203	574	610	648	254	604	635	711	254	634	660	724	254	654	686	737	254	674	711	749
12"	9.8	39.1	203	624	660	699	254	654	686	762	254	684	711	775	254	704	737	787	254	724	762	800
14"	11.1	44.5	203	656	686	724	254	686	711	787	254	716	737	800	254	736	762	813	254	756	787	826
16"	12.9	51.6	254	707	737	826	254	737	762	838	254	767	787	851	254	787	813	864	305	807	838	927
18"	14.2	56.9	254	758	787	876	254	788	813	889	254	818	838	902	254	838	864	914	305	858	889	978
20"	15.1	60.5	254	808	838	927	254	838	864	940	254	868	889	953	254	888	914	965	305	908	940	1029
24"	16	64.2	254	910	965	1041	254	940	991	1054	254	970	1016	1067	254	990	1029	1080	305	1010	1054	1143
30"	20.9	83.6	254	1062	1105	1194	254	1092	1130	1207	254	1122	1156	1219	305	1142	1181	1283	305	1162	1207	1295
36"	24.5	97.9	254	1215	1257	1346	254	1245	1283	1359	254	1275	1308	1372	305	1295	1334	1435	305	1315	1359	1448
42"	27.6	110.3	254	1367	1410	1499	254	1397	1435	1511	254	1427	1461	1524	305	1447	1486	1588	305	1467	1511	1600
48"	31.6	126.3	254	1520	1562	1651	254	1550	1588	1664	254	1580	1613	1676	305	1600	1638	1740	305	1620	1664	1753
56"	36.9	147.2	254	1723	1765	1854	254	1753	1791	1867	254	1783	1816	1880	305	1803	1842	1943	305	1823	1867	1956
60"	39.6	157.9	254	1824	1867	1956	254	1854	1892	1969	254	1884	1918	1981	305	1904	1943	2045	305	1924	1969	2057
66"	43.6	173.5	254	1977	2019	2083	254	2007	2045	2096	254	2037	2070	2108	305	2057	2096	2172	305	2077	2121	2184
72"	47.6	189.5	254	2129	2172	2261	254	2159	2197	2273	254	2189	2223	2286	305	2209	2248	2350	305	2229	2273	2362

Calcium Silicate High Lateral Travel

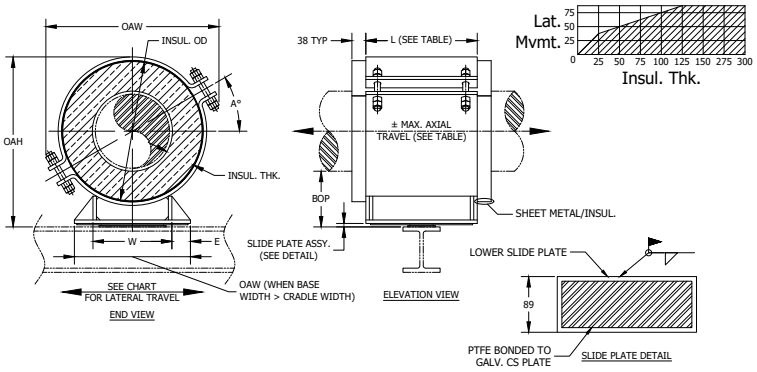
LEGACY DESIGNATION:
HS-5000; HS-5100; HS-5200; HS-5300;
HS-6000; HS-6100; HS-6200; HS-6300

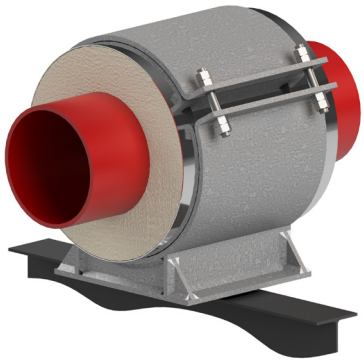
METRIC

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
HSCS -	8 x	75 -	150 -	300 -	7.6

Hot **S**lide (**H**igh Lateral Travel) **C**alcium **S**ilicate





*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

Applications & Features:

- Accommodates axial travel up to 9" if shoe is offset from supporting steel
- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Teflon® slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 Steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Support features water-resistant calcium silicate insulation with high density marinite structural inserts
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (See Chart) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			25 mm				40 mm				50 mm				65 mm				75 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.4	1.1	102	72	165	165	102	102	178	178	102	122	216	191	102	152	229	216	152	172	267	279
3/4"	0.5	1.2	102	77	165	165	102	107	178	178	102	127	216	191	102	157	229	216	152	177	267	279
1"	0.7	1.8	102	84	165	178	102	114	191	191	102	134	216	203	102	164	229	216	152	184	267	279
1-1/2"	1.1	2.7	102	99	178	191	102	129	203	203	102	149	229	229	102	179	254	241	152	199	279	305
2"	1.3	3.3	102	111	191	203	102	141	203	216	102	161	229	229	102	191	254	241	152	211	279	305
2-1/2"	1.6	4	102	124	203	216	102	154	229	241	102	174	254	254	102	204	279	267	152	224	305	330
3"	2.4	9.4	102	139	203	229	102	169	229	241	102	189	254	254	102	219	279	267	152	239	305	330
4"	3.7	14.9	102	165	229	254	102	195	254	267	102	215	279	279	102	245	305	292	152	265	318	356
6"	5.7	22.7	102	219	305	305	102	249	318	318	102	269	343	343	102	299	368	356	152	319	394	419
8"	7.6	30.2	102	270	343	368	102	300	368	381	102	320	394	394	152	350	419	457	152	370	445	470
10"	8.9	35.6	102	324	394	419	102	354	419	432	102	374	445	445	152	404	457	508	152	424	483	521
12"	9.8	39.1	102	374	445	470	102	404	457	483	102	424	483	495	152	454	508	559	152	474	521	572
14"	11.1	44.5	102	406	457	495	102	436	483	508	102	456	508	521	152	486	521	584	152	506	546	597
16"	12.9	51.6	102	457	508	546	102	487	533	559	152	507	559	622	152	537	584	635	152	557	597	648
18"	14.2	56.9	102	508	559	597	102	538	584	610	152	558	597	673	152	588	622	686	152	608	648	699
20"	15.1	60.5	102	558	597	648	102	588	622	660	152	608	648	724	152	638	673	737	152	658	686	749
24"	16	64.2	102	660	749	762	102	690	775	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	20.9	83.6	102	812	876	914	152	842	902	978	152	862	927	991	152	892	953	1003	152	912	965	1016
36"	24.5	97.9	102	965	1016	1067	152	995	1029	1130	152	1015	1054	1143	152	1045	1080	1156	152	1065	1105	1168
42"	27.6	110.3	102	1117	1156	1219	152	1147	1181	1283	152	1167	1207	1295	152	1197	1232	1308	152	1217	1257	1321
48"	31.6	126.3	102	1270	1308	1372	152	1300	1334	1435	152	1320	1359	1448	152	1350	1384	1461	152	1370	1410	1473
56"	36.9	147.2	102	1473	1511	1575	152	1503	1537	1638	152	1523	1562	1651	152	1553	1588	1664	152	1573	1613	1676
60"	39.6	157.9	102	1574	1613	1676	152	1604	1638	1740	152	1624	1664	1753	152	1654	1689	1765	152	1674	1715	1778
66"	43.6	173.5	102	1727	1765	1803	152	1757	1791	1867	152	1777	1816	1880	152	1807	1842	1892	152	1827	1867	1905
72"	47.6	189.5	102	1879	1918	1981	152	1909	1943	2045	152	1929	1969	2057	152	1959	1994	2070	152	1979	2019	2083

Calcium Silicate High Lateral Travel

LEGACY DESIGNATION:
HS-5000; HS-5100; HS-5200; HS-5300;
HS-6000; HS-6100; HS-6200; HS-6300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
HSCS -	8 x	75 -	150 -	300 -	7.6

Hot **S**lide (**H**igh Lateral Travel) **C**alcium **S**ilicate

METRIC

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																	
			90 mm				100 mm				115 mm				130 mm				140 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.4	1.1	152	202	279	292	152	222	318	305	152	252	318	318	203	282	343	381	203	302	368	394
3/4"	0.5	1.2	152	207	279	292	152	227	318	305	152	257	318	318	203	287	343	381	203	307	368	394
1"	0.7	1.8	152	214	279	292	152	234	318	305	152	264	318	318	203	294	343	381	203	314	368	394
1-1/2"	1.1	2.7	152	229	305	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	394	419
2"	1.3	3.3	152	241	305	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	394	419
2-1/2"	1.6	4	152	254	318	343	152	274	343	356	152	304	368	368	203	334	394	432	203	354	419	445
3"	2.4	9.4	152	269	318	343	152	289	343	356	152	319	368	368	203	349	394	445	203	369	419	457
4"	3.7	14.9	152	295	343	368	152	315	368	381	152	345	394	406	203	375	419	470	203	395	445	483
6"	5.7	22.7	152	349	419	432	152	369	445	445	152	399	457	457	203	429	483	521	203	449	508	533
8"	7.6	30.2	152	400	457	483	152	420	483	495	203	450	508	559	203	480	521	572	203	500	546	584
10"	8.9	35.6	152	454	508	533	152	474	521	546	203	504	546	610	203	534	572	622	203	554	597	635
12"	9.8	39.1	152	504	546	584	152	524	572	597	203	554	597	660	203	584	610	673	203	604	635	686
14"	11.1	44.5	152	536	572	610	152	556	597	622	203	586	610	686	203	616	635	699	203	636	660	711
16"	12.9	51.6	152	587	622	660	203	607	648	724	203	637	673	737	203	667	686	749	203	687	711	762
18"	14.2	56.9	152	638	673	711	203	658	686	775	203	688	711	787	203	718	737	800	203	738	762	813
20"	15.1	60.5	152	688	711	762	203	708	737	826	203	738	762	838	203	768	787	851	203	788	813	864
24"	16	64.2	152	790	864	876	203	810	876	940	203	840	902	953	203	870	927	965	203	890	953	978
30"	20.9	83.6	203	942	991	1080	203	962	1016	1092	203	992	1029	1105	203	1022	1054	1118	254	1042	1080	1181
36"	24.5	97.9	203	1095	1130	1232	203	1115	1156	1245	203	1145	1181	1257	203	1175	1207	1270	254	1195	1232	1334
42"	27.6	110.3	203	1247	1283	1384	203	1267	1308	1397	203	1297	1334	1410	203	1327	1359	1422	254	1347	1384	1486
48"	31.6	126.3	203	1400	1435	1537	203	1420	1461	1549	203	1450	1486	1562	203	1480	1511	1575	254	1500	1537	1638
56"	36.9	147.2	203	1603	1638	1740	203	1623	1664	1753	203	1653	1689	1765	203	1683	1715	1778	254	1703	1740	1842
60"	39.6	157.9	203	1704	1740	1842	203	1724	1765	1854	203	1754	1791	1867	203	1784	1816	1880	254	1804	1842	1943
66"	43.6	173.5	203	1857	1892	1969	203	1877	1918	1981	203	1907	1943	1994	203	1937	1969	2007	254	1957	1994	2070
72"	47.6	189.5	203	2009	2045	2146	203	2029	2070	2159	203	2059	2096	2172	203	2089	2121	2184	254	2109	2146	2248

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																	
			150 mm				165 mm				180 mm				190 mm				200 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.4	1.1	203	322	394	406	203	352	419	419	254	382	445	483	254	402	457	495	254	422	483	508
3/4"	0.5	1.2	203	327	394	406	203	357	419	419	254	387	445	483	254	407	457	495	254	427	483	508
1"	0.7	1.8	203	334	394	406	203	364	419	419	254	394	445	483	254	414	457	495	254	434	483	508
1-1/2"	1.1	2.7	203	349	419	432	203	379	445	445	254	409	457	508	254	429	483	521	254	449	508	533
2"	1.3	3.3	203	361	419	432	203	391	445	445	254	421	457	508	254	441	483	521	254	461	508	533
2-1/2"	1.6	4	203	374	445	457	203	404	457	470	254	434	483	533	254	454	508	546	254	474	521	559
3"	2.4	9.4	203	389	445	470	203	419	457	483	254	449	483	546	254	469	508	559	254	489	521	572
4"	3.7	14.9	203	415	457	495	203	445	483	508	254	475	508	572	254	495	521	584	254	515	546	597
6"	5.7	22.7	203	469	521	546	203	499	546	559	254	529	572	622	254	549	597	635	254	569	610	648
8"	7.6	30.2	203	520	572	597	254	550	597	660	254	580	610	673	254	600	635	686	254	620	660	699
10"	8.9	35.6	203	574	610	648	254	604	635	711	254	634	660	724	254	654	686	737	254	674	711	749
12"	9.8	39.1	203	624	660	699	254	654	686	762	254	684	711	775	254	704	737	787	254	724	762	800
14"	11.1	44.5	203	656	686	724	254	686	711	787	254	716	737	800	254	736	762	813	254	756	787	826
16"	12.9	51.6	254	707	737	826	254	737	762	838	254	767	787	851	254	787	813	864	305	807	838	927
18"	14.2	56.9	254	758	787	876	254	788	813	889	254	818	838	902	254	838	864	914	305	858	889	978
20"	15.1	60.5	254	808	838	927	254	838	864	940	254	868	889	953	254	888	914	965	305	908	940	1029
24"	16	64.2	254	910	965	1041	254	940	991	1054	254	970	1016	1067	254	990	1029	1080	305	1010	1054	1143
30"	20.9	83.6	254	1062	1105	1194	254	1092	1130	1207	254	1122	1156	1219	305	1142	1181	1283	305	1162	1207	1295
36"	24.5	97.9	254	1215	1257	1346	254	1245	1283	1359	254	1275	1308	1372	305	1295	1334	1435	305	1315	1359	1448
42"	27.6	110.3	254	1367	1410	1499	254	1397	1435	1511	254	1427	1461	1524	305	1447	1486	1588	305	1467	1511	1600
48"	31.6	126.3	254	1520	1562	1651	254	1550	1588	1664	254	1580	1613	1676	305	1600	1638	1740	305	1620	1664	1753
56"	36.9	147.2	254	1723	1765	1854	254	1753	1791	1867	254	1783	1816	1880	305	1803	1842	1943	305	1823	1867	1956
60"	39.6	157.9	254	1824	1867	1956	254	1854	1892	1969	254	1884	1918	1981	305	1904	1943	2045	305	1924	1969	2057
66"	43.6	173.5	254	1977	2019	2083	254	2007	2045	2096	254	2037	2070	2108	305	2057	2096	2172	305	2077	2121	2184
72"	47.6	189.5	254	2129	2172	2261	254	2159	2197	2273	254	2189	2223	2286	305	2209	2248	2350	305	2229	2273	2362

Calcium Silicate Vertically Restrained Guided

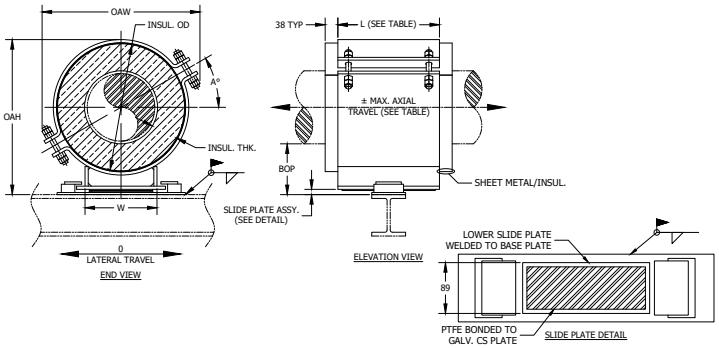
LEGACY DESIGNATION:
HG-3000; HG-3100; HG-3200; HG-3300;
HG-4000; HG-4100; HG-4200; HG-4300

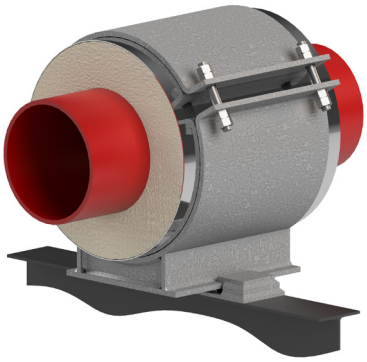
METRIC

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
HGCS -	8 x	75 -	150 -	305 -	7.6 -	2.6

Hot **G**uide **C**alcium **S**ilicate





*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Accommodates axial travel up to 9" if shoe is offset from supporting steel
- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Teflon® slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 Steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Support features water-resistant calcium silicate insulation with high density marinite structural inserts
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±3 mm Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					25 mm				40 mm				50 mm				65 mm				75 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.4	0.2	1.1	0.4	102	72	152	165	102	102	178	178	102	122	203	191	102	152	229	216	152	172	254	279
3/4"	0.5	0.2	1.2	0.4	102	77	152	165	102	107	178	178	102	127	203	191	102	157	229	216	152	177	254	279
1"	0.7	0.3	1.8	0.6	102	84	165	178	102	114	191	191	102	134	203	203	102	164	229	216	152	184	254	279
1-1/2"	1.1	0.4	2.7	0.9	102	99	178	191	102	129	203	203	102	149	229	229	102	179	254	241	152	199	279	305
2"	1.3	0.5	3.3	1.2	102	111	191	203	102	141	203	216	102	161	229	229	102	191	254	241	152	211	279	305
2-1/2"	1.6	0.6	4	1.4	102	124	203	216	102	154	229	241	102	174	254	254	102	204	279	267	152	224	305	330
3"	2.4	0.8	9.4	3.3	102	139	203	229	102	169	229	241	102	189	254	254	102	219	279	267	152	239	305	330
4"	3.7	1.3	14.9	5.2	102	165	229	254	102	195	254	267	102	215	279	279	102	245	305	292	152	265	318	356
6"	5.7	2	22.7	7.9	102	219	305	305	102	249	318	318	102	269	343	343	102	299	368	356	152	319	394	419
8"	7.6	2.6	30.2	10.6	102	270	343	368	102	300	368	381	102	320	394	394	152	350	419	457	152	370	445	470
10"	8.9	3.1	35.6	12.5	102	324	394	419	102	354	419	432	102	374	445	445	152	404	457	508	152	424	483	521
12"	9.8	3.4	39.1	13.7	102	374	445	470	102	404	457	483	102	424	483	495	152	454	508	559	152	474	521	572
14"	11.1	3.9	44.5	15.6	102	406	457	495	102	436	483	508	102	456	508	521	152	486	521	584	152	506	546	597
16"	12.9	4.5	51.6	18.1	102	457	508	546	102	487	533	559	152	507	559	622	152	537	584	635	152	557	597	648
18"	14.2	5	56.9	19.9	102	508	559	597	102	538	584	610	152	558	597	673	152	588	622	686	152	608	648	699
20"	15.1	5.3	60.5	21.2	102	558	597	648	102	588	622	660	152	608	648	724	152	638	673	737	152	658	686	749
24"	16	5.6	64.2	22.5	102	660	749	762	102	690	775	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	20.9	7.3	83.6	29.3	102	812	876	914	152	842	902	978	152	862	927	991	152	892	953	1003	152	912	965	1016
36"	24.5	8.6	97.9	34.3	102	965	1016	1067	152	995	1029	1130	152	1015	1054	1143	152	1045	1080	1156	152	1065	1105	1168
42"	27.6	9.7	110.3	38.6	102	1117	1156	1219	152	1147	1181	1283	152	1167	1207	1295	152	1197	1232	1308	152	1217	1257	1321
48"	31.6	11.1	126.3	44.2	102	1270	1308	1372	152	1300	1334	1435	152	1320	1359	1448	152	1350	1384	1461	152	1370	1410	1473
56"	36.9	12.9	147.2	51.5	102	1473	1511	1575	152	1503	1537	1638	152	1523	1562	1651	152	1553	1588	1664	152	1573	1613	1676
60"	39.6	13.9	157.9	55.3	102	1574	1613	1676	152	1604	1638	1740	152	1624	1664	1753	152	1654	1689	1765	152	1674	1715	1778
66"	43.6	15.3	173.5	60.7	102	1727	1765	1803	152	1757	1791	1867	152	1777	1816	1880	152	1807	1842	1892	152	1827	1867	1905
72"	47.6	16.7	189.5	66.3	102	1879	1918	1981	152	1909	1943	2045	152	1929	1969	2057	152	1959	1994	2070	152	1979	2019	2083

Calcium Silicate Vertically Restrained Guided

LEGACY DESIGNATION:
HG-3000; HG-3100; HG-3200; HG-3300;
HG-4000; HG-4100; HG-4200; HG-4300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
HGCS -	8 x	75 -	150 -	305 -	7.6 -	2.6

Hot **G**uide **C**alcium **S**ilicate

METRIC

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					90 mm				100 mm				115 mm				130 mm				140 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.4	0.2	1.1	0.4	152	202	279	292	152	222	305	305	152	252	318	318	203	282	343	381	203	302	368	394
3/4"	0.5	0.2	1.2	0.4	152	207	279	292	152	227	305	305	152	257	318	318	203	287	343	381	203	307	368	394
1"	0.7	0.3	1.8	0.6	152	214	279	292	152	234	305	305	152	264	318	318	203	294	343	381	203	314	368	394
1-1/2"	1.1	0.4	2.7	0.9	152	229	305	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	394	419
2"	1.3	0.5	3.3	1.2	152	241	305	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	394	419
2-1/2"	1.6	0.6	4	1.4	152	254	318	343	152	274	343	356	152	304	368	368	203	334	394	432	203	354	419	445
3"	2.4	0.8	9.4	3.3	152	269	318	343	152	289	343	356	152	319	368	368	203	349	394	445	203	369	419	457
4"	3.7	1.3	14.9	5.2	152	295	343	368	152	315	368	381	152	345	394	406	203	375	419	470	203	395	445	483
6"	5.7	2	22.7	7.9	152	349	419	432	152	369	445	445	152	399	457	457	203	429	483	521	203	449	508	533
8"	7.6	2.6	30.2	10.6	152	400	457	483	152	420	483	495	203	450	508	559	203	480	521	572	203	500	546	584
10"	8.9	3.1	35.6	12.5	152	454	508	533	152	474	521	546	203	504	546	610	203	534	572	622	203	554	597	635
12"	9.8	3.4	39.1	13.7	152	504	546	584	152	524	572	597	203	554	597	660	203	584	610	673	203	604	635	686
14"	11.1	3.9	44.5	15.6	152	536	572	610	152	556	597	622	203	586	610	686	203	616	635	699	203	636	660	711
16"	12.9	4.5	51.6	18.1	152	587	622	660	203	607	648	724	203	637	673	737	203	667	686	749	203	687	711	762
18"	14.2	5	56.9	19.9	152	638	673	711	203	658	686	775	203	688	711	787	203	718	737	800	203	738	762	813
20"	15.1	5.3	60.5	21.2	152	688	711	762	203	708	737	826	203	738	762	838	203	768	787	851	203	788	813	864
24"	16	5.6	64.2	22.5	152	790	864	876	203	810	876	940	203	840	902	953	203	870	927	965	203	890	953	978
30"	20.9	7.3	83.6	29.3	203	942	991	1080	203	962	1016	1092	203	992	1029	1105	203	1022	1054	1118	254	1042	1080	1181
36"	24.5	8.6	97.9	34.3	203	1095	1130	1232	203	1115	1156	1245	203	1145	1181	1257	203	1175	1207	1270	254	1195	1232	1334
42"	27.6	9.7	110.3	38.6	203	1247	1283	1384	203	1267	1308	1397	203	1297	1334	1410	203	1327	1359	1422	254	1347	1384	1486
48"	31.6	11.1	126.3	44.2	203	1400	1435	1537	203	1420	1461	1549	203	1450	1486	1562	203	1480	1511	1575	254	1500	1537	1638
56"	36.9	12.9	147.2	51.5	203	1603	1638	1740	203	1623	1664	1753	203	1653	1689	1765	203	1683	1715	1778	254	1703	1740	1842
60"	39.6	13.9	157.9	55.3	203	1704	1740	1842	203	1724	1765	1854	203	1754	1791	1867	203	1784	1816	1880	254	1804	1842	1943
66"	43.6	15.3	173.5	60.7	203	1857	1892	1969	203	1877	1918	1981	203	1907	1943	1994	203	1937	1969	2007	254	1957	1994	2070
72"	47.6	16.7	189.5	66.3	203	2009	2045	2146	203	2029	2070	2159	203	2059	2096	2172	203	2089	2121	2184	254	2109	2146	2248

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					150 mm				165 mm				180 mm				190 mm				200 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.4	0.2	1.1	0.4	203	322	394	406	203	352	419	419	254	382	445	483	254	402	457	495	254	422	483	508
3/4"	0.5	0.2	1.2	0.4	203	327	394	406	203	357	419	419	254	387	445	483	254	407	457	495	254	427	483	508
1"	0.7	0.3	1.8	0.6	203	334	394	406	203	364	419	419	254	394	445	483	254	414	457	495	254	434	483	508
1-1/2"	1.1	0.4	2.7	0.9	203	349	419	432	203	379	445	445	254	409	457	508	254	429	483	521	254	449	508	533
2"	1.3	0.5	3.3	1.2	203	361	419	432	203	391	445	445	254	421	457	508	254	441	483	521	254	461	508	533
2-1/2"	1.6	0.6	4	1.4	203	374	445	457	203	404	457	470	254	434	483	533	254	454	508	546	254	474	521	559
3"	2.4	0.8	9.4	3.3	203	389	445	470	203	419	457	483	254	449	483	546	254	469	508	559	254	489	521	572
4"	3.7	1.3	14.9	5.2	203	415	457	495	203	445	483	508	254	475	508	572	254	495	521	584	254	515	546	597
6"	5.7	2	22.7	7.9	203	469	521	546	203	499	546	559	254	529	572	622	254	549	597	635	254	569	610	648
8"	7.6	2.6	30.2	10.6	203	520	572	597	254	550	597	660	254	580	610	673	254	600	635	686	254	620	660	699
10"	8.9	3.1	35.6	12.5	203	574	610	648	254	604	635	711	254	634	660	724	254	654	686	737	254	674	711	749
12"	9.8	3.4	39.1	13.7	203	624	660	699	254	654	686	762	254	684	711	775	254	704	737	787	254	724	762	800
14"	11.1	3.9	44.5	15.6	203	656	686	724	254	686	711	787	254	716	737	800	254	736	762	813	254	756	787	826
16"	12.9	4.5	51.6	18.1	254	707	737	826	254	737	762	838	254	767	787	851	254	787	813	864	305	807	838	927
18"	14.2	5	56.9	19.9	254	758	787	876	254	788	813	889	254	818	838	902	254	838	864	914	305	858	889	978
20"	15.1	5.3	60.5	21.2	254	808	838	927	254	838	864	940	254	868	889	953	254	888	914	965	305	908	940	1029
24"	16	5.6	64.2	22.5	254	910	965	1041	254	940	991	1054	254	970	1016	1067	254	990	1029	1080	305	1010	1054	1143
30"	20.9	7.3	83.6	29.3	254	1062	1105	1194	254	1092	1130	1207	254	1122	1156	1219	305	1142	1181	1283	305	1162	1207	1295
36"	24.5	8.6	97.9	34.3	254	1215	1257	1346	254	1245	1283	1359	254	1275	1308	1372	305	1295	1334	1435	305	1315	1359	1448
42"	27.6	9.7	110.3	38.6	254	1367	1410	1499	254	1397	1435	1511	254	1427	1461	1524	305	1447	1486	1588	305	1467	1511	1600
48"	31.6	11.1	126.3	44.2	254	1520	1562	1651	254	1550	1588	1664	254	1580	1613	1676	305	1600	1638	1740	305	1620	1664	1753
56"	36.9	12.9	147.2	51.5	254	1723	1765	1854	254	1753	1791	1867	254	1783	1816	1880	305	1803	1842	1943	305	1823	1867	1956
60"	39.6	13.9	157.9	55.3	254	1824	1867	1956	254	1854	1892	1969	254	1884	1918	1981	305	1904	1943	2045	305	1924	1969	2057
66"	43.6	15.3	173.5	60.7	254	1977	2019	2083	254	2007	2045	2096	254	2037	2070	2108	305	2057	2096	2172	305	2077	2121	2184
72"	47.6	16.7	189.5	66.3	254	2129	2172	2261	254	2159	2197	2273	254	2189	2223	2286	305	2209	2248	2350	305	2229	2273	2362

Calcium Silicate Guided

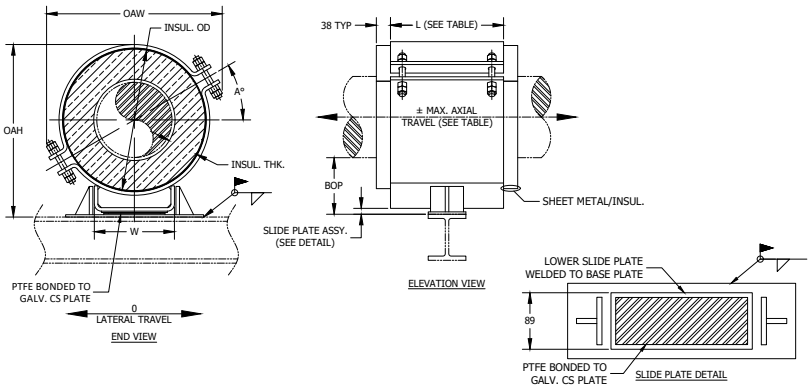
LEGACY DESIGNATION:
HG-7000; HG-7100; HG-7200; HG-7300;
HG-8000; HG-8100; HG-8200; HG-8300

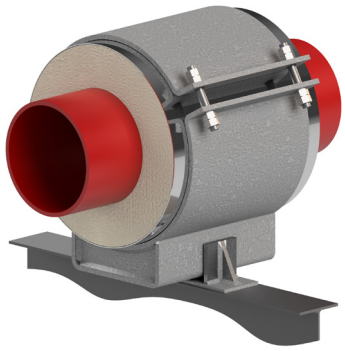
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
HG(L)CS -	8 x	75 -	150 -	305 -	7.6 -	3.8

Hot **G**uide (**L**aterally Restrained) **C**alcium **S**ilicate

METRIC





*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Accommodates axial travel up to 9" if shoe is offset from supporting steel
- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Teflon® slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 Steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Support features water-resistant calcium silicate insulation with high density marinite structural inserts
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±3 mm Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					25 mm				40 mm				50 mm				65 mm				75 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-1/2"	1.1	0.5	2.7	1.3	102	99	178	191	102	129	203	203	102	149	229	229	102	179	254	241	152	199	279	305
2"	1.3	0.7	3.3	1.7	102	111	191	203	102	141	203	216	102	161	229	229	102	191	254	241	152	211	279	305
2-1/2"	1.6	0.8	4	2	102	124	203	216	102	154	229	241	102	174	254	254	102	204	279	267	152	224	305	330
3"	2.4	1.2	9.4	4.7	102	139	203	229	102	169	229	241	102	189	254	254	102	219	279	267	152	239	305	330
4"	3.7	1.9	14.9	7.5	102	165	229	254	102	195	254	267	102	215	279	279	102	245	305	292	152	265	318	356
6"	5.7	2.8	22.7	11.3	102	219	305	305	102	249	318	318	102	269	343	343	102	299	368	356	152	319	394	419
8"	7.6	3.8	30.2	15.1	102	270	343	368	102	300	368	381	102	320	394	394	152	350	419	457	152	370	445	470
10"	8.9	4.4	35.6	17.8	102	324	419	419	102	354	445	432	102	374	457	445	152	404	470	508	152	424	495	521
12"	9.8	4.9	39.1	19.6	102	374	457	470	102	404	470	483	102	424	495	495	152	454	508	559	152	474	521	572
14"	11.1	5.6	44.5	22.2	102	406	470	495	102	436	495	508	102	456	508	521	152	486	521	584	152	506	546	597
16"	12.9	6.4	51.6	25.8	102	457	508	546	102	487	533	559	152	507	559	622	152	537	584	635	152	557	597	648
18"	14.2	7.1	56.9	28.5	102	508	559	597	102	538	584	610	152	558	597	673	152	588	622	686	152	608	648	699
20"	15.1	7.6	60.5	30.2	102	558	597	648	102	588	622	660	152	608	648	724	152	638	673	737	152	658	686	749
24"	16	8	64.2	32.1	102	660	749	762	102	690	775	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	20.9	10.5	83.6	41.8	102	812	876	914	152	842	902	978	152	862	927	991	152	892	953	1003	152	912	965	1016
36"	24.5	12.2	97.9	48.9	102	965	1016	1067	152	995	1029	1130	152	1015	1054	1143	152	1045	1080	1156	152	1065	1105	1168
42"	27.6	13.8	110.3	55.2	102	1117	1156	1219	152	1147	1181	1283	152	1167	1207	1295	152	1197	1232	1308	152	1217	1257	1321
48"	31.6	15.8	126.3	63.2	102	1270	1308	1372	152	1300	1334	1435	152	1320	1359	1448	152	1350	1384	1461	152	1370	1410	1473
56"	36.9	18.5	147.2	73.6	102	1473	1511	1575	152	1503	1537	1638	152	1523	1562	1651	152	1553	1588	1664	152	1573	1613	1676
60"	39.6	19.8	157.9	79	102	1574	1613	1676	152	1604	1638	1740	152	1624	1664	1753	152	1654	1689	1765	152	1674	1715	1778
66"	43.6	21.8	173.5	86.7	102	1727	1765	1803	152	1757	1791	1867	152	1777	1816	1880	152	1807	1842	1892	152	1827	1867	1905
72"	47.6	23.8	189.5	94.7	102	1879	1918	1981	152	1909	1943	2045	152	1929	1969	2057	152	1959	1994	2070	152	1979	2019	2083

Calcium Silicate Guided

LEGACY DESIGNATION:
HG-7000; HG-7100; HG-7200; HG-7300;
HG-8000; HG-8100; HG-8200; HG-8300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
HG(L)CS	- 8 x	75	- 150	- 305	- 7.6	- 3.8

Hot **G**uide (**L**aterally Restrained) **C**alcium **S**ilicate

METRIC

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					90 mm				100 mm				115 mm				130 mm				140 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-1/2"	1.1	0.5	2.7	1.3	152	229	305	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	394	419
2"	1.3	0.7	3.3	1.7	152	241	305	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	394	419
2-1/2"	1.6	0.8	4	2	152	254	318	343	152	274	343	356	152	304	368	368	203	334	394	432	203	354	419	445
3"	2.4	1.2	9.4	4.7	152	269	318	343	152	289	343	356	152	319	368	368	203	349	394	445	203	369	419	457
4"	3.7	1.9	14.9	7.5	152	295	343	368	152	315	368	381	152	345	394	406	203	375	419	470	203	395	445	483
6"	5.7	2.8	22.7	11.3	152	349	419	432	152	369	445	445	152	399	457	457	203	429	483	521	203	449	508	533
8"	7.6	3.8	30.2	15.1	152	400	457	483	152	420	483	495	203	450	508	559	203	480	521	572	203	500	546	584
10"	8.9	4.4	35.6	17.8	152	454	508	533	152	474	521	546	203	504	546	610	203	534	572	622	203	554	597	635
12"	9.8	4.9	39.1	19.6	152	504	546	584	152	524	572	597	203	554	597	660	203	584	610	673	203	604	635	686
14"	11.1	5.6	44.5	22.2	152	536	572	610	152	556	597	622	203	586	610	686	203	616	635	699	203	636	660	711
16"	12.9	6.4	51.6	25.8	152	587	622	660	203	607	648	724	203	637	673	737	203	667	686	749	203	687	711	762
18"	14.2	7.1	56.9	28.5	152	638	673	711	203	658	686	775	203	688	711	787	203	718	737	800	203	738	762	813
20"	15.1	7.6	60.5	30.2	152	688	711	762	203	708	737	826	203	738	762	838	203	768	787	851	203	788	813	864
24"	16	8	64.2	32.1	152	790	864	876	203	810	876	940	203	840	902	953	203	870	927	965	203	890	953	978
30"	20.9	10.5	83.6	41.8	203	942	991	1080	203	962	1016	1092	203	992	1029	1105	203	1022	1054	1118	254	1042	1080	1181
36"	24.5	12.2	97.9	48.9	203	1095	1130	1232	203	1115	1156	1245	203	1145	1181	1257	203	1175	1207	1270	254	1195	1232	1334
42"	27.6	13.8	110.3	55.2	203	1247	1283	1384	203	1267	1308	1397	203	1297	1334	1410	203	1327	1359	1422	254	1347	1384	1486
48"	31.6	15.8	126.3	63.2	203	1400	1435	1537	203	1420	1461	1549	203	1450	1486	1562	203	1480	1511	1575	254	1500	1537	1638
56"	36.9	18.5	147.2	73.6	203	1603	1638	1740	203	1623	1664	1753	203	1653	1689	1765	203	1683	1715	1778	254	1703	1740	1842
60"	39.6	19.8	157.9	79	203	1704	1740	1842	203	1724	1765	1854	203	1754	1791	1867	203	1784	1816	1880	254	1804	1842	1943
66"	43.6	21.8	173.5	86.7	203	1857	1892	1969	203	1877	1918	1981	203	1907	1943	1994	203	1937	1969	2007	254	1957	1994	2070
72"	47.6	23.8	189.5	94.7	203	2009	2045	2146	203	2029	2070	2159	203	2059	2096	2172	203	2089	2121	2184	254	2109	2146	2248

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					150 mm				165 mm				180 mm				190 mm				200 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)	BOP (in)	INSUL. OD (in)	OAW (in)	OAH (in)
1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-1/2"	1.1	0.5	2.7	1.3	203	349	419	432	203	379	445	445	254	409	457	508	254	429	483	521	254	449	508	533
2"	1.3	0.7	3.3	1.7	203	361	419	432	203	391	445	445	254	421	457	508	254	441	483	521	254	461	508	533
2-1/2"	1.6	0.8	4	2	203	374	445	457	203	404	457	470	254	434	483	533	254	454	508	546	254	474	521	559
3"	2.4	1.2	9.4	4.7	203	389	445	470	203	419	457	483	254	449	483	546	254	469	508	559	254	489	521	572
4"	3.7	1.9	14.9	7.5	203	415	457	495	203	445	483	508	254	475	508	572	254	495	521	584	254	515	546	597
6"	5.7	2.8	22.7	11.3	203	469	521	546	203	499	546	559	254	529	572	622	254	549	597	635	254	569	610	648
8"	7.6	3.8	30.2	15.1	203	520	572	597	254	550	597	660	254	580	610	673	254	600	635	686	254	620	660	699
10"	8.9	4.4	35.6	17.8	203	574	610	648	254	604	635	711	254	634	660	724	254	654	686	737	254	674	711	749
12"	9.8	4.9	39.1	19.6	203	624	660	699	254	654	686	762	254	684	711	775	254	704	737	787	254	724	762	800
14"	11.1	5.6	44.5	22.2	203	656	686	724	254	686	711	787	254	716	737	800	254	736	762	813	254	756	787	826
16"	12.9	6.4	51.6	25.8	254	707	737	826	254	737	762	838	254	767	787	851	254	787	813	864	305	807	838	927
18"	14.2	7.1	56.9	28.5	254	758	787	876	254	788	813	889	254	818	838	902	254	838	864	914	305	858	889	978
20"	15.1	7.6	60.5	30.2	254	808	838	927	254	838	864	940	254	868	889	953	254	888	914	965	305	908	940	1029
24"	16	8	64.2	32.1	254	910	965	1041	254	940	991	1054	254	970	1016	1067	254	990	1029	1080	305	1010	1054	1143
30"	20.9	10.5	83.6	41.8	254	1062	1105	1194	254	1092	1130	1207	254	1122	1156	1219	305	1142	1181	1283	305	1162	1207	1295
36"	24.5	12.2	97.9	48.9	254	1215	1257	1346	254	1245	1283	1359	254	1275	1308	1372	305	1295	1334	1435	305	1315	1359	1448
42"	27.6	13.8	110.3	55.2	254	1367	1410	1499	254	1397	1435	1511	254	1427	1461	1524	305	1447	1486	1588	305	1467	1511	1600
48"	31.6	15.8	126.3	63.2	254	1520	1562	1651	254	1550	1588	1664	254	1580	1613	1676	305	1600	1638	1740	305	1620	1664	1753
56"	36.9	18.5	147.2	73.6	254	1723	1765	1854	254	1753	1791	1867	254	1783	1816	1880	305	1803	1842	1943	305	1823	1867	1956
60"	39.6	19.8	157.9	79	254	1824	1867	1956	254	1854	1892	1969	254	1884	1918	1981	305	1904	1943	2045	305	1924	1969	2057
66"	43.6	21.8	173.5	86.7	254	1977	2019	2083	254	2007	2045	2096	254	2037	2070	2108	305	2057	2096	2172	305	2077	2121	2184
72"	47.6	23.8	189.5	94.7	254	2129	2172	2261	254	2159	2197	2273	254	2189	2223	2286	305	2209	2248	2350	305	2229	2273	2362

Calcium Silicate Anchor

DESIGNATION EXAMPLE

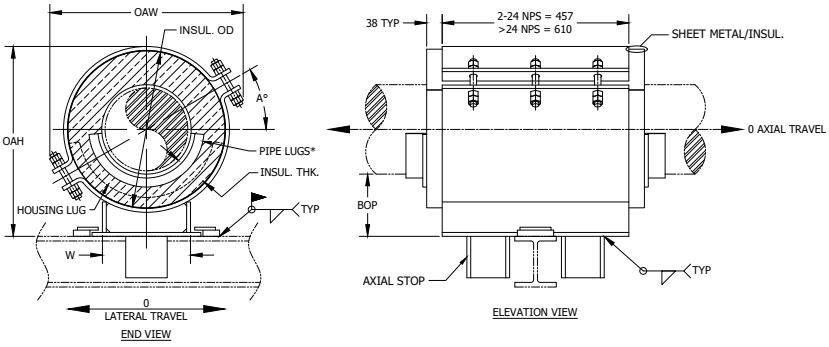
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load	Axial Load
HACS -	8 x	75 -	150 -	460 -	7.6 -	2.6 -	13.4

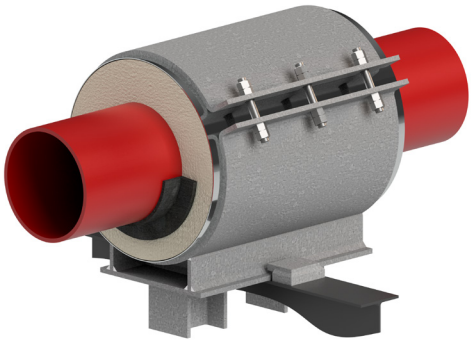
LEGACY DESIGNATION:

HA-4000; HA-4100; HA-4200; HA-4300

Hot **A**nchor **C**alcium **S**ilicate

METRIC





* - Pipe lugs to be compatible with process pipe material.

*W - Dimension is calculated by multiplying (INSULATION OD*0.65)

Pipe Size	L (mm)	Base Length
< 356 mm	305	457
≥ 356 mm	457	457

Applications & Features:

- Resists axial, vertical, and/or lateral pipe loads
- Support supplied with guide angles and axial stops
- Temperature range up to 340 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 Steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Support features calcium silicate insulation with high density calcium silicate structural inserts
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- Water-resistant calcium silicate
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Axial Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Notes:

1) Dimensions in millimeters unless noted

2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							25 mm				40 mm				50 mm				65 mm				75 mm			
	VERT. (kN)	LAT. (kN)	AXI. (kN)	VERT. (kN)	LAT. (kN)	AXI. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	1.9	0.7	5.3	5.6	2	12.5	102	111	191	203	102	141	203	216	102	161	229	229	102	191	254	241	152	211	279	305
2-1/2"	1.9	0.7	5.3	5.6	2	12.5	102	124	203	216	102	154	229	241	102	174	254	254	102	204	279	267	152	224	305	330
3"	2.4	0.8	6.2	7.1	2.5	15.3	102	139	203	229	102	169	229	241	102	189	254	254	102	219	279	267	152	239	305	330
4"	3.7	1.3	7.7	11.1	3.9	18.2	102	165	229	254	102	195	254	267	102	215	279	279	102	245	305	292	152	265	318	356
6"	4.7	1.6	10.7	16.9	5.9	24	102	219	305	305	102	249	318	318	102	269	343	343	102	299	368	356	152	319	394	419
8"	7.6	2.6	13.4	22.7	7.9	29.7	102	270	343	368	102	300	368	381	102	320	394	394	152	350	419	457	152	370	445	470
10"	8.9	3.1	16.5	26.7	9.3	35.6	102	324	394	419	102	354	419	432	102	374	445	445	152	404	457	508	152	424	483	521
12"	9.8	3.4	19.2	39.1	13.7	58.7	102	374	445	470	102	404	457	483	102	424	483	495	152	454	508	559	152	474	521	572
14"	11.1	3.9	20.9	44.5	15.6	66.7	102	406	457	495	102	436	483	508	102	456	508	521	152	486	521	584	152	506	546	597
16"	12.9	4.5	23.9	51.6	18.1	77.4	102	457	508	546	102	487	533	559	152	507	559	622	152	537	584	635	152	557	597	648
18"	14.2	5	26.6	56.9	19.9	85.4	102	508	559	597	102	538	584	610	152	558	597	673	152	588	622	686	152	608	648	699
20"	15.1	5.3	29.4	60.5	21.2	90.7	102	558	597	648	102	588	622	660	152	608	648	724	152	638	673	737	152	658	686	749
24"	16	5.6	34.9	64.2	22.5	96.1	102	660	749	762	102	690	775	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	20.9	7.3	43.3	83.6	29.3	125.4	102	812	876	914	152	842	902	978	152	862	927	991	152	892	953	1003	152	912	965	1016
36"	24.5	8.6	51.6	97.9	34.3	146.8	102	965	1016	1067	152	995	1029	1130	152	1015	1054	1143	152	1045	1080	1156	152	1065	1105	1168
42"	27.6	9.7	60.1	110.3	38.6	165.5	102	1117	1156	1219	152	1147	1181	1283	152	1167	1207	1295	152	1197	1232	1308	152	1217	1257	1321
48"	31.6	11.1	68.8	126.3	44.2	275	102	1270	1308	1372	152	1300	1334	1435	152	1320	1359	1448	152	1350	1384	1461	152	1370	1410	1473
56"	36.9	12.9	80.4	147.2	51.5	320.5	102	1473	1511	1575	152	1503	1537	1638	152	1523	1562	1651	152	1553	1588	1664	152	1573	1613	1676
60"	39.6	13.9	86.2	157.9	55.3	343.8	102	1574	1613	1676	152	1604	1638	1740	152	1624	1664	1753	152	1654	1689	1765	152	1674	1715	1778
66"	43.6	15.3	94.9	173.5	60.7	377.7	102	1727	1765	1803	152	1757	1791	1867	152	1777	1816	1880	152	1807	1842	1892	152	1827	1867	1905
72"	47.6	16.7	103.6	189.5	66.3	412.6	102	1879	1918	1981	152	1909	1943	2045	152	1929	1969	2057	152	1959	1994	2070	152	1979	2019	2083

Calcium Silicate Anchor

LEGACY DESIGNATION:
HA-4000; HA-4100; HA-4200; HA-4300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load	Axial Load
HACS	8	75	150	460	7.6	2.6	13.4

Hot **A**nchor **C**alcium **S**ilicate

METRIC

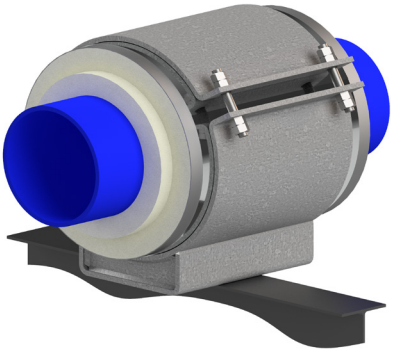
PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							90 mm				100 mm				115 mm				130 mm				140 mm			
	VERT. (kN)	LAT. (kN)	AXI. (kN)	VERT. (kN)	LAT. (kN)	AXI. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	1.9	0.7	5.3	5.6	2	12.5	152	241	305	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	394	419
2-1/2"	1.9	0.7	5.3	5.6	2	12.5	152	254	318	343	152	274	343	356	152	304	368	368	203	334	394	432	203	354	419	445
3"	2.4	0.8	6.2	7.1	2.5	15.3	152	269	318	343	152	289	343	356	152	319	368	368	203	349	394	445	203	369	419	457
4"	3.7	1.3	7.7	11.1	3.9	18.2	152	295	343	368	152	315	368	381	152	345	394	406	203	375	419	470	203	395	445	483
6"	4.7	1.6	10.7	16.9	5.9	24	152	349	419	432	152	369	445	445	152	399	457	457	203	429	483	521	203	449	508	533
8"	7.6	2.6	13.4	22.7	7.9	29.7	152	400	457	483	152	420	483	495	203	450	508	559	203	480	521	572	203	500	546	584
10"	8.9	3.1	16.5	26.7	9.3	35.6	152	454	508	533	152	474	521	546	203	504	546	610	203	534	572	622	203	554	597	635
12"	9.8	3.4	19.2	39.1	13.7	58.7	152	504	546	584	152	524	572	597	203	554	597	660	203	584	610	673	203	604	635	686
14"	11.1	3.9	20.9	44.5	15.6	66.7	152	536	572	610	152	556	597	622	203	586	610	686	203	616	635	699	203	636	660	711
16"	12.9	4.5	23.9	51.6	18.1	77.4	152	587	622	660	203	607	648	724	203	637	673	737	203	667	686	749	203	687	711	762
18"	14.2	5	26.6	56.9	19.9	85.4	152	638	673	711	203	658	686	775	203	688	711	787	203	718	737	800	203	738	762	813
20"	15.1	5.3	29.4	60.5	21.2	90.7	152	688	711	762	203	708	737	826	203	738	762	838	203	768	787	851	203	788	813	864
24"	16	5.6	34.9	64.2	22.5	96.1	152	790	864	876	203	810	876	940	203	840	902	953	203	870	927	965	203	890	953	978
30"	20.9	7.3	43.3	83.6	29.3	125.4	203	942	991	1080	203	962	1016	1092	203	992	1029	1105	203	1022	1054	1118	254	1042	1080	1181
36"	24.5	8.6	51.6	97.9	34.3	146.8	203	1095	1130	1232	203	1115	1156	1245	203	1145	1181	1257	203	1175	1207	1270	254	1195	1232	1334
42"	27.6	9.7	60.1	110.3	38.6	165.5	203	1247	1283	1384	203	1267	1308	1397	203	1297	1334	1410	203	1327	1359	1422	254	1347	1384	1486
48"	31.6	11.1	68.8	126.3	44.2	275	203	1400	1435	1537	203	1420	1461	1549	203	1450	1486	1562	203	1480	1511	1575	254	1500	1537	1638
56"	36.9	12.9	80.4	147.2	51.5	320.5	203	1603	1638	1740	203	1623	1664	1753	203	1653	1689	1765	203	1683	1715	1778	254	1703	1740	1842
60"	39.6	13.9	86.2	157.9	55.3	343.8	203	1704	1740	1842	203	1724	1765	1854	203	1754	1791	1867	203	1784	1816	1880	254	1804	1842	1943
66"	43.6	15.3	94.9	173.5	60.7	377.7	203	1857	1892	1969	203	1877	1918	1981	203	1907	1943	1994	203	1937	1969	2007	254	1957	1994	2070
72"	47.6	16.7	103.6	189.5	66.3	412.6	203	2009	2045	2146	203	2029	2070	2159	203	2059	2096	2172	203	2089	2121	2184	254	2109	2146	2248

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							150 mm				165 mm				180 mm				190 mm				200 mm			
	VERT. (kN)	LAT. (kN)	AXI. (kN)	VERT. (kN)	LAT. (kN)	AXI. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	1.9	0.7	5.3	5.6	2	12.5	203	361	419	432	203	391	445	445	254	421	457	508	254	441	483	521	254	461	508	533
2-1/2"	1.9	0.7	5.3	5.6	2	12.5	203	374	445	457	203	404	457	470	254	434	483	533	254	454	508	546	254	474	521	559
3"	2.4	0.8	6.2	7.1	2.5	15.3	203	389	445	470	203	419	457	483	254	449	483	546	254	469	508	559	254	489	521	572
4"	3.7	1.3	7.7	11.1	3.9	18.2	203	415	457	495	203	445	483	508	254	475	508	572	254	495	521	584	254	515	546	597
6"	4.7	1.6	10.7	16.9	5.9	24	203	469	521	546	203	499	546	559	254	529	572	622	254	549	597	635	254	569	610	648
8"	7.6	2.6	13.4	22.7	7.9	29.7	203	520	572	597	254	550	597	660	254	580	610	673	254	600	635	686	254	620	660	699
10"	8.9	3.1	16.5	26.7	9.3	35.6	203	574	610	648	254	604	635	711	254	634	660	724	254	654	686	737	254	674	711	749
12"	9.8	3.4	19.2	39.1	13.7	58.7	203	624	660	699	254	654	686	762	254	684	711	775	254	704	737	787	254	724	762	800
14"	11.1	3.9	20.9	44.5	15.6	66.7	203	656	686	724	254	686	711	787	254	716	737	800	254	736	762	813	254	756	787	826
16"	12.9	4.5	23.9	51.6	18.1	77.4	254	707	737	826	254	737	762	838	254	767	787	851	254	787	813	864	305	807	838	927
18"	14.2	5	26.6	56.9	19.9	85.4	254	758	787	876	254	788	813	889	254	818	838	902	254	838	864	914	305	858	889	978
20"	15.1	5.3	29.4	60.5	21.2	90.7	254	808	838	927	254	838	864	940	254	868	889	953	254	888	914	965	305	908	940	1029
24"	16	5.6	34.9	64.2	22.5	96.1	254	910	965	1041	254	940	991	1054	254	970	1016	1067	254	990	1029	1080	305	1010	1054	1143
30"	20.9	7.3	43.3	83.6	29.3	125.4	254	1062	1105	1194	254	1092	1130	1207	254	1122	1156	1219	305	1142	1181	1283	305	1162	1207	1295
36"	24.5	8.6	51.6	97.9	34.3	146.8	254	1215	1257	1346	254	1245	1283	1359	254	1275	1308	1372	305	1295	1334	1435	305	1315	1359	1448
42"	27.6	9.7	60.1	110.3	38.6	165.5	254	1367	1410	1499	254	1397	1435	1511	254	1427	1461	1524	305	1447	1486	1588	305	1467	1511	1600
48"	31.6	11.1	68.8	126.3	44.2	275	254	1520	1562	1651	254	1550	1588	1664	254	1580	1613	1676	305	1600	1638	1740	305	1620	1664	1753
56"	36.9	12.9	80.4	147.2	51.5	320.5	254	1723	1765	1854	254	1753	1791	1867	254	1783	1816	1880	305	1803	1842	1943	305	1823	1867	1956
60"	39.6	13.9	86.2	157.9	55.3	343.8	254	1824	1867	1956	254	1854	1892	1969	254	1884	1918	1981	305	1904	1943	2045	305	1924	1969	2057
66"	43.6	15.3	94.9	173.5	60.7	377.7	254	1977	2019	2083	254	2007	2045	2096	254	2037	2070	2108	305	2057	2096	2172	305	2077	2121	2184
72"	47.6	16.7	103.6	189.5	66.3	412.6	254	2129	2172	2261	254	2159	2197	2273	254	2189	2223	2286	305	2209	2248	2350	305	2229	2273	2362

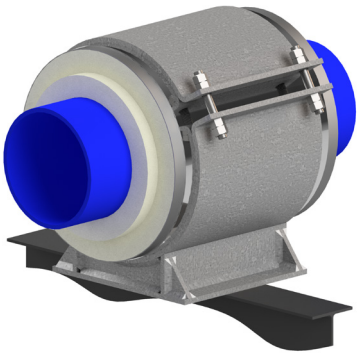
Bent Ear Polyurethane Supports

METRIC

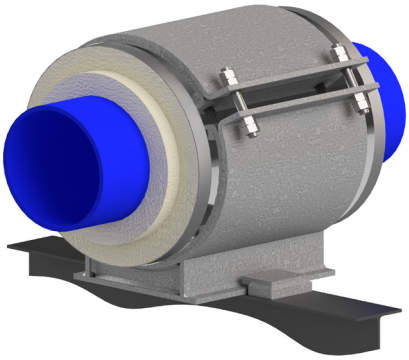
Polyurethane Bent Ear Overview



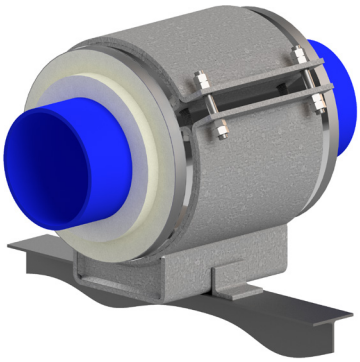
Polyurethane
Resting



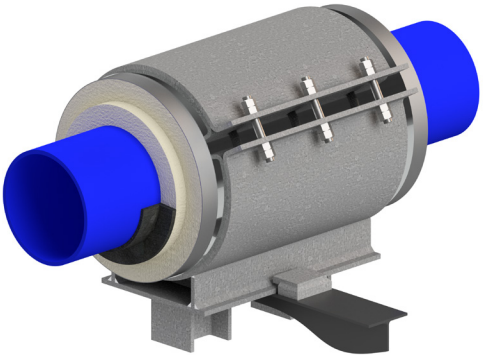
Polyurethane
High Lateral Travel



Polyurethane
Vertically Restrained Guided



Polyurethane
Guided



Polyurethane
Anchor

Polyurethane Resting

LEGACY DESIGNATION:

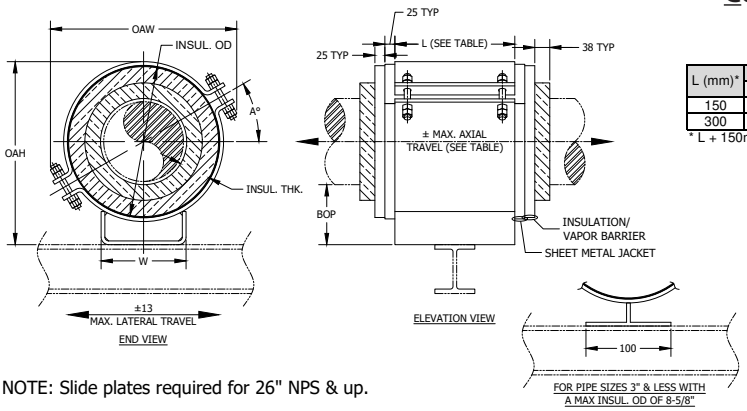
CS-1000; CS-1100; CS-2000; CS-2100

METRIC

DESIGNATION EXAMPLE

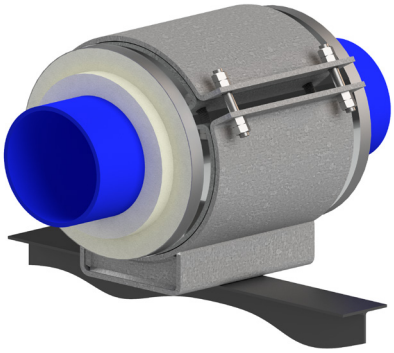
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
CSPF -	8 x	75 -	150 -	300 -	5

Cold **S**lide **P**olyurethane **F**oam



L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"



NOTE: Slide plates required for 26" NPS & up.

*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (±13 mm Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:

1)Dimensions in millimeters unless noted

2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			25 mm				40 mm				50 mm				65 mm				75 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.4	102	72	114	165	102	102	152	178	102	122	178	191	102	152	216	216	152	172	241	279
3/4"	0.3	0.5	102	77	114	165	102	107	152	178	102	127	178	191	102	157	216	216	152	177	241	279
1"	0.4	0.6	102	84	140	178	102	114	165	191	102	134	191	203	102	164	216	216	152	184	241	279
1-1/2"	0.6	0.9	102	99	152	191	102	129	178	203	102	149	216	229	102	179	241	241	152	199	267	305
2"	0.8	1.2	102	111	165	203	102	141	191	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	1.2	1.7	102	124	178	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	1.4	2.1	102	139	191	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	1.8	2.7	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	2.6	6	102	219	279	305	102	249	305	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	4.9	10.7	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	5.8	13.8	102	324	381	419	102	354	419	432	102	374	445	445	152	404	470	508	152	424	495	521
12"	10.7	26.7	102	374	445	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.6	29.4	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	13.3	33.8	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	19.6	37.8	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	21.8	42.3	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	25.8	78.7	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	32.5	98.3	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	39.1	117.9	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	75.6	137.9	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	87.2	153.9	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	101.4	179.7	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	109	192.6	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	119.7	211.7	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	130.8	231.3	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Polyurethane Resting

LEGACY DESIGNATION:
CS-1000; CS-1100; CS-2000; CS-2100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
CSPF -	8 x	75 -	150 -	300 -	5

Cold **S**lide **P**olyurethane **F**oam

METRIC

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			90 mm				100 mm				115 mm				130 mm				140 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.4	152	202	267	292	152	222	292	305	152	252	318	318	203	282	343	381	203	302	368	394
3/4"	0.3	0.5	152	207	267	292	152	227	292	305	152	257	318	318	203	287	343	381	203	307	368	394
1"	0.4	0.6	152	214	267	292	152	234	292	305	152	264	318	318	203	294	343	381	203	314	368	394
1-1/2"	0.6	0.9	152	229	292	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	406	419
2"	0.8	1.2	152	241	292	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	406	419
2-1/2"	1.2	1.7	152	254	318	343	152	274	343	356	152	304	368	368	203	334	406	432	203	354	432	445
3"	1.4	2.1	152	269	318	343	152	289	343	356	152	319	368	368	203	349	406	445	203	369	432	457
4"	1.8	2.7	152	295	343	368	152	315	368	381	152	345	406	406	203	375	432	470	203	395	457	483
6"	2.6	6	152	349	419	432	152	369	445	445	152	399	470	457	203	429	495	521	203	449	521	533
8"	4.9	10.7	152	400	470	483	152	420	495	495	203	450	521	559	203	480	546	572	203	500	572	584
10"	5.8	13.8	152	454	521	533	152	474	546	546	203	504	572	610	203	534	597	622	203	554	622	635
12"	10.7	26.7	152	504	572	584	152	524	597	597	203	554	622	660	203	584	648	673	203	604	673	686
14"	11.6	29.4	152	536	597	610	152	556	622	622	203	586	648	686	203	616	673	699	203	636	699	711
16"	13.3	33.8	152	587	648	660	203	607	673	724	203	637	699	737	203	667	724	749	203	687	749	762
18"	19.6	37.8	152	638	711	711	203	658	737	775	203	688	762	787	203	718	787	800	203	738	813	813
20"	21.8	42.3	152	688	762	762	203	708	787	826	203	738	813	838	203	768	838	851	203	788	864	864
24"	25.8	78.7	152	790	864	876	203	810	889	940	203	840	914	953	203	870	940	965	203	890	965	978
30"	32.5	98.3	203	942	1016	1080	203	962	1041	1092	203	992	1067	1105	203	1022	1092	1118	254	1042	1118	1181
36"	39.1	117.9	203	1095	1168	1232	203	1115	1194	1245	203	1145	1219	1257	203	1175	1245	1270	254	1195	1270	1334
42"	75.6	137.9	203	1247	1321	1384	203	1267	1346	1397	203	1297	1372	1410	203	1327	1397	1422	254	1347	1422	1486
48"	87.2	153.9	203	1400	1473	1537	203	1420	1499	1549	203	1450	1524	1562	203	1480	1549	1575	254	1500	1575	1638
56"	101.4	179.7	203	1603	1676	1740	203	1623	1702	1753	203	1653	1727	1765	203	1683	1753	1778	254	1703	1778	1842
60"	109	192.6	203	1704	1778	1842	203	1724	1803	1854	203	1754	1829	1867	203	1784	1854	1880	254	1804	1880	1943
66"	119.7	211.7	203	1857	1930	1969	203	1877	1956	1981	203	1907	1981	1994	203	1937	2007	2007	254	1957	2032	2070
72"	130.8	231.3	203	2009	2083	2146	203	2029	2108	2159	203	2059	2134	2172	203	2089	2159	2184	254	2109	2184	2248

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			150 mm				165 mm				180 mm				190 mm				200 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.4	203	322	406	406	203	352	432	419	254	382	457	483	254	402	483	495	254	422	508	508
3/4"	0.3	0.5	203	327	406	406	203	357	432	419	254	387	457	483	254	407	483	495	254	427	508	508
1"	0.4	0.6	203	334	406	406	203	364	432	419	254	394	457	483	254	414	483	495	254	434	508	508
1-1/2"	0.6	0.9	203	349	432	432	203	379	457	445	254	409	483	508	254	429	508	521	254	449	533	533
2"	0.8	1.2	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	1.2	1.7	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	1.4	2.1	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	1.8	2.7	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	2.6	6	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	4.9	10.7	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	5.8	13.8	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	10.7	26.7	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.6	29.4	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	13.3	33.8	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	19.6	37.8	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	21.8	42.3	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	25.8	78.7	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	32.5	98.3	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	39.1	117.9	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	75.6	137.9	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	87.2	153.9	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	101.4	179.7	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	109	192.6	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	119.7	211.7	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	130.8	231.3	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

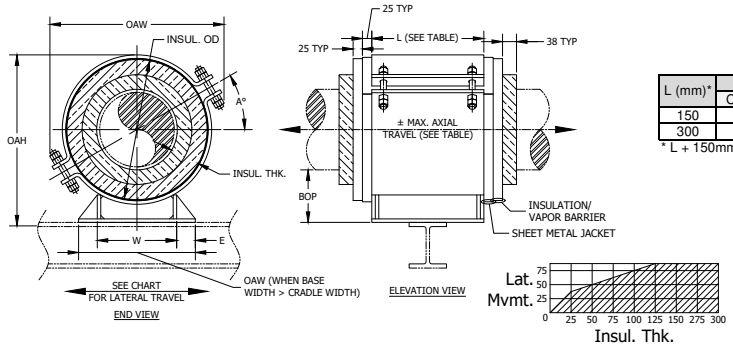
Polyurethane High Lateral Travel

LEGACY DESIGNATION:
CS-5000; CS-5100; CS-5200; CS-5300;
CS-6000; CS-6100; CS-6200; CS-6300

DESIGNATION EXAMPLE

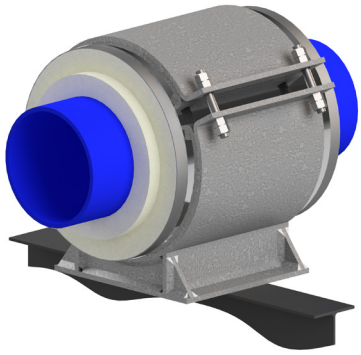
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
CS(H)PF	- 8 x	76 -	150 -	300 -	5

Cold **S**lide (**H**igh Lateral Travel) **P**olyurethane **F**oam



L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"



NOTE: Slide plates required for 26" NPS & up.

*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (See Chart) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			25 mm				40 mm				50 mm				65 mm				75 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.4	102	72	165	165	102	102	165	178	102	122	216	191	102	152	216	216	152	172	267	279
3/4"	0.3	0.5	102	77	165	165	102	107	165	178	102	127	216	191	102	157	216	216	152	177	267	279
1"	0.4	0.6	102	84	165	178	102	114	165	191	102	134	216	203	102	164	216	216	152	184	267	279
1-1/2"	0.6	0.9	102	99	165	191	102	129	178	203	102	149	216	229	102	179	241	241	152	199	267	305
2"	0.8	1.2	102	111	165	203	102	141	191	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	1.2	1.7	102	124	178	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	1.4	2.1	102	139	191	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	1.8	2.7	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	2.6	6	102	219	279	305	102	249	305	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	4.9	10.7	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	5.8	13.8	102	324	381	419	102	354	419	432	102	374	445	445	152	404	470	508	152	424	495	521
12"	10.7	26.7	102	374	445	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.6	29.4	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	13.3	33.8	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	19.6	37.8	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	21.8	42.3	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	25.8	78.7	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	32.5	98.3	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	39.1	117.9	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	75.6	137.9	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	87.2	153.9	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	101.4	179.7	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	109	192.6	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	119.7	211.7	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	130.8	231.3	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Polyurethane High Lateral Travel

LEGACY DESIGNATION:
CS-5000; CS-5100; CS-5200; CS-5300;
CS-6000; CS-6100; CS-6200; CS-6300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
CS(H)PF	- 8 x	76	- 150	- 300	- 5

Cold **S**lide (**H**igh Lateral Travel) **P**olyurethane **F**oam

METRIC

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																	
			90 mm				100 mm				115 mm				130 mm				140 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.4	152	202	267	292	152	222	318	305	152	252	318	318	203	282	343	381	203	302	368	394
3/4"	0.3	0.5	152	207	267	292	152	227	318	305	152	257	318	318	203	287	343	381	203	307	368	394
1"	0.4	0.6	152	214	267	292	152	234	318	305	152	264	318	318	203	294	343	381	203	314	368	394
1-1/2"	0.6	0.9	152	229	292	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	406	419
2"	0.8	1.2	152	241	292	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	406	419
2-1/2"	1.2	1.7	152	254	318	343	152	274	343	356	152	304	368	368	203	334	406	432	203	354	432	445
3"	1.4	2.1	152	269	318	343	152	289	343	356	152	319	368	368	203	349	406	445	203	369	432	457
4"	1.8	2.7	152	295	343	368	152	315	368	381	152	345	406	406	203	375	432	470	203	395	457	483
6"	2.6	6	152	349	419	432	152	369	445	445	152	399	470	457	203	429	495	521	203	449	521	533
8"	4.9	10.7	152	400	470	483	152	420	495	495	203	450	521	559	203	480	546	572	203	500	572	584
10"	5.8	13.8	152	454	521	533	152	474	546	546	203	504	572	610	203	534	597	622	203	554	622	635
12"	10.7	26.7	152	504	572	584	152	524	597	597	203	554	622	660	203	584	648	673	203	604	673	686
14"	11.6	29.4	152	536	597	610	152	556	622	622	203	586	648	686	203	616	673	699	203	636	699	711
16"	13.3	33.8	152	587	648	660	203	607	673	724	203	637	699	737	203	667	724	749	203	687	749	762
18"	19.6	37.8	152	638	711	711	203	658	737	775	203	688	762	787	203	718	787	800	203	738	813	813
20"	21.8	42.3	152	688	762	762	203	708	787	826	203	738	813	838	203	768	838	851	203	788	864	864
24"	25.8	78.7	152	790	864	876	203	810	889	940	203	840	914	953	203	870	940	965	203	890	965	978
30"	32.5	98.3	203	942	1016	1080	203	962	1041	1092	203	992	1067	1105	203	1022	1092	1118	254	1042	1118	1181
36"	39.1	117.9	203	1095	1168	1232	203	1115	1194	1245	203	1145	1219	1257	203	1175	1245	1270	254	1195	1270	1334
42"	75.6	137.9	203	1247	1321	1384	203	1267	1346	1397	203	1297	1372	1410	203	1327	1397	1422	254	1347	1422	1486
48"	87.2	153.9	203	1400	1473	1537	203	1420	1499	1549	203	1450	1524	1562	203	1480	1549	1575	254	1500	1575	1638
56"	101.4	179.7	203	1603	1676	1740	203	1623	1702	1753	203	1653	1727	1765	203	1683	1753	1778	254	1703	1778	1842
60"	109	192.6	203	1704	1778	1842	203	1724	1803	1854	203	1754	1829	1867	203	1784	1854	1880	254	1804	1880	1943
66"	119.7	211.7	203	1857	1930	1969	203	1877	1956	1981	203	1907	1981	1994	203	1937	2007	2007	254	1957	2032	2070
72"	130.8	231.3	203	2009	2083	2146	203	2029	2108	2159	203	2059	2134	2172	203	2089	2159	2184	254	2109	2184	2248

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																	
			150 mm				165 mm				180 mm				190 mm				200 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.4	203	322	406	406	203	352	432	419	254	382	457	483	254	402	483	495	254	422	508	508
3/4"	0.3	0.5	203	327	406	406	203	357	432	419	254	387	457	483	254	407	483	495	254	427	508	508
1"	0.4	0.6	203	334	406	406	203	364	432	419	254	394	457	483	254	414	483	495	254	434	508	508
1-1/2"	0.6	0.9	203	349	432	432	203	379	457	445	254	409	483	508	254	429	508	521	254	449	533	533
2"	0.8	1.2	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	1.2	1.7	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	1.4	2.1	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	1.8	2.7	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	2.6	6	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	4.9	10.7	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	5.8	13.8	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	10.7	26.7	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.6	29.4	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	13.3	33.8	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	19.6	37.8	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	21.8	42.3	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	25.8	78.7	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	32.5	98.3	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	39.1	117.9	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	75.6	137.9	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	87.2	153.9	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	101.4	179.7	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	109	192.6	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	119.7	211.7	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	130.8	231.3	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

METRIC

Polyurethane Vertically Restrained Guided

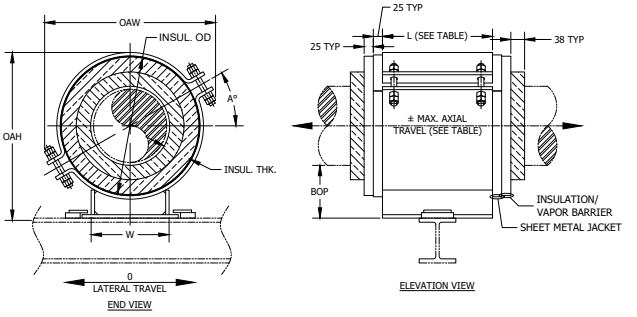
LEGACY DESIGNATION:

CG-3000; CG-3100; CG-4000; CG-4100

DESIGNATION EXAMPLE

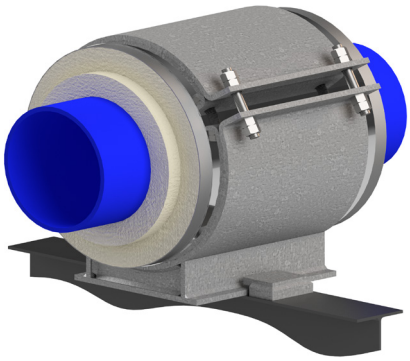
Model No	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
CGPF -	8 x	75 -	150 -	300 -	5 -	2

Cold **G**uide **P**olyurethane **F**oam



L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"



NOTE: Slide plates required for 26" NPS & up.

*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±3 mm Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:

1) Dimensions in millimeters unless noted

2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					25 mm				40 mm				50 mm				65 mm				75 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.1	0.4	0.2	102	72	152	165	102	102	152	178	102	122	178	191	102	152	216	216	152	172	241	279
3/4"	0.3	0.2	0.5	0.2	102	77	152	165	102	107	152	178	102	127	178	191	102	157	216	216	152	177	241	279
1"	0.4	0.2	0.6	0.3	102	84	152	178	102	114	165	191	102	134	191	203	102	164	216	216	152	184	241	279
1-1/2"	0.6	0.3	0.9	0.5	102	99	152	191	102	129	178	203	102	149	216	229	102	179	241	241	152	199	267	305
2"	0.8	0.4	1.2	0.6	102	111	165	203	102	141	191	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	1.2	0.6	1.7	0.9	102	124	178	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	1.4	0.7	2.1	1	102	139	191	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	1.8	0.9	2.7	1.4	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	2.6	1.3	6	3	102	219	279	305	102	249	305	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	4.9	2.4	10.7	5.3	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	5.8	2.9	13.8	6.9	102	324	381	419	102	354	419	432	102	374	445	445	152	404	470	508	152	424	495	521
12"	10.7	5.3	26.7	13.3	102	374	445	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.6	5.8	29.4	14.7	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	13.3	6.7	33.8	16.9	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	19.6	9.8	37.8	18.9	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	21.8	10.9	42.3	21.1	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	25.8	12.9	78.7	39.4	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	32.5	16.2	98.3	49.2	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	39.1	19.6	117.9	58.9	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	75.6	37.8	137.9	68.9	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	87.2	43.6	153.9	77	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	101.4	50.7	179.7	89.9	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	109	54.5	192.6	96.3	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	119.7	59.8	211.7	105.9	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	130.8	65.4	231.3	115.7	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Polyurethane Vertically Restrained Guided

LEGACY DESIGNATION:
CG-3000; CG-3100; CG-4000; CG-4100

DESIGNATION EXAMPLE

Model No	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
CGPF -	8 x	75 -	150 -	300 -	5 -	2

Cold **G**uide **P**olyurethane **F**oam

METRIC

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					90 mm				100 mm				115 mm				130 mm				140 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.1	0.4	0.2	152	202	267	292	152	222	292	305	152	252	318	318	203	282	343	381	203	302	368	394
3/4"	0.3	0.2	0.5	0.2	152	207	267	292	152	227	292	305	152	257	318	318	203	287	343	381	203	307	368	394
1"	0.4	0.2	0.6	0.3	152	214	267	292	152	234	292	305	152	264	318	318	203	294	343	381	203	314	368	394
1-1/2"	0.6	0.3	0.9	0.5	152	229	292	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	406	419
2"	0.8	0.4	1.2	0.6	152	241	292	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	406	419
2-1/2"	1.2	0.6	1.7	0.9	152	254	318	343	152	274	343	356	152	304	368	368	203	334	406	432	203	354	432	445
3"	1.4	0.7	2.1	1	152	269	318	343	152	289	343	356	152	319	368	368	203	349	406	445	203	369	432	457
4"	1.8	0.9	2.7	1.4	152	295	343	368	152	315	368	381	152	345	406	406	203	375	432	470	203	395	457	483
6"	2.6	1.3	6	3	152	349	419	432	152	369	445	445	152	399	470	457	203	429	495	521	203	449	521	533
8"	4.9	2.4	10.7	5.3	152	400	470	483	152	420	495	495	203	450	521	559	203	480	546	572	203	500	572	584
10"	5.8	2.9	13.8	6.9	152	454	521	533	152	474	546	546	203	504	572	610	203	534	597	622	203	554	622	635
12"	10.7	5.3	26.7	13.3	152	504	572	584	152	524	597	597	203	554	622	660	203	584	648	673	203	604	673	686
14"	11.6	5.8	29.4	14.7	152	536	597	610	152	556	622	622	203	586	648	686	203	616	673	699	203	636	699	711
16"	13.3	6.7	33.8	16.9	152	587	648	660	203	607	673	724	203	637	699	737	203	667	724	749	203	687	749	762
18"	19.6	9.8	37.8	18.9	152	638	711	711	203	658	737	775	203	688	762	787	203	718	787	800	203	738	813	813
20"	21.8	10.9	42.3	21.1	152	688	762	762	203	708	787	826	203	738	813	838	203	768	838	851	203	788	864	864
24"	25.8	12.9	78.7	39.4	152	790	864	876	203	810	889	940	203	840	914	953	203	870	940	965	203	890	965	978
30"	32.5	16.2	98.3	49.2	203	942	1016	1080	203	962	1041	1092	203	992	1067	1105	203	1022	1092	1118	254	1042	1118	1181
36"	39.1	19.6	117.9	58.9	203	1095	1168	1232	203	1115	1194	1245	203	1145	1219	1257	203	1175	1245	1270	254	1195	1270	1334
42"	75.6	37.8	137.9	68.9	203	1247	1321	1384	203	1267	1346	1397	203	1297	1372	1410	203	1327	1397	1422	254	1347	1422	1486
48"	87.2	43.6	153.9	77	203	1400	1473	1537	203	1420	1499	1549	203	1450	1524	1562	203	1480	1549	1575	254	1500	1575	1638
56"	101.4	50.7	179.7	89.9	203	1603	1676	1740	203	1623	1702	1753	203	1653	1727	1765	203	1683	1753	1778	254	1703	1778	1842
60"	109	54.5	192.6	96.3	203	1704	1778	1842	203	1724	1803	1854	203	1754	1829	1867	203	1784	1854	1880	254	1804	1880	1943
66"	119.7	59.8	211.7	105.9	203	1857	1930	1969	203	1877	1956	1981	203	1907	1981	1994	203	1937	2007	2007	254	1957	2032	2070
72"	130.8	65.4	231.3	115.7	203	2009	2083	2146	203	2029	2108	2159	203	2059	2134	2172	203	2089	2159	2184	254	2109	2184	2248

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					150 mm				165 mm				180 mm				190 mm				200 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.1	0.4	0.2	203	322	406	406	203	352	432	419	254	382	457	483	254	402	483	495	254	422	508	508
3/4"	0.3	0.2	0.5	0.2	203	327	406	406	203	357	432	419	254	387	457	483	254	407	483	495	254	427	508	508
1"	0.4	0.2	0.6	0.3	203	334	406	406	203	364	432	419	254	394	457	483	254	414	483	495	254	434	508	508
1-1/2"	0.6	0.3	0.9	0.5	203	349	432	432	203	379	457	445	254	409	483	508	254	429	508	521	254	449	533	533
2"	0.8	0.4	1.2	0.6	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	1.2	0.6	1.7	0.9	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	1.4	0.7	2.1	1	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	1.8	0.9	2.7	1.4	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	2.6	1.3	6	3	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	4.9	2.4	10.7	5.3	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	5.8	2.9	13.8	6.9	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	10.7	5.3	26.7	13.3	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.6	5.8	29.4	14.7	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	13.3	6.7	33.8	16.9	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	19.6	9.8	37.8	18.9	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	21.8	10.9	42.3	21.1	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	25.8	12.9	78.7	39.4	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	32.5	16.2	98.3	49.2	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	39.1	19.6	117.9	58.9	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	75.6	37.8	137.9	68.9	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	87.2	43.6	153.9	77	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	101.4	50.7	179.7	89.9	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	109	54.5	192.6	96.3	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	119.7	59.8	211.7	105.9	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	130.8	65.4	231.3	115.7	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

Polyurethane Guided

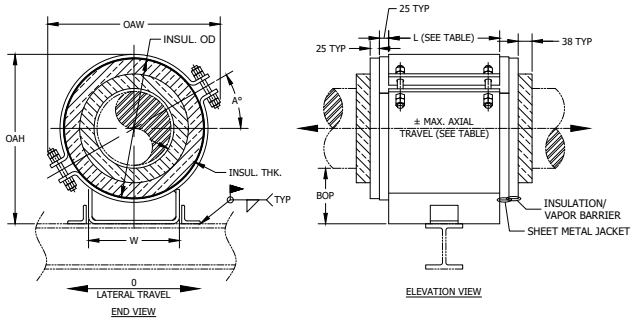
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
CG(L)PF -	8 x	40 -	100 -	300 -	19 -	10

LEGACY DESIGNATION:
CG-7000; CG-7100; CG-8000; CG-8100

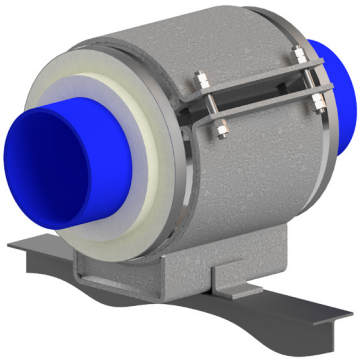
Cold **G**uide (**L**aterally Restrained) **P**olyurethane **F**oam

METRIC



L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"



NOTE: Slide plates required for 26" NPS & up.

*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±3 mm Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1)Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	**LOW** LOAD OPTION		**HIGH** LOAD OPTION		**INSULATION THICKNESS**																			
					25 mm				40 mm				50 mm				65 mm				75 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.1	0.4	0.2	-	-	-	-	102	102	178	178	102	122	191	191	102	152	216	216	152	172	241	279
3/4"	0.3	0.2	0.5	0.2	-	-	-	-	102	107	178	178	102	127	191	191	102	157	216	216	152	177	241	279
1"	0.4	0.2	0.6	0.3	-	-	-	-	102	114	178	191	102	134	203	203	102	164	216	216	152	184	241	279
1-1/2"	0.6	0.3	0.9	0.5	102	99	178	191	102	129	191	203	102	149	216	229	102	179	241	241	152	199	267	305
2"	0.8	0.4	1.2	0.6	102	111	178	203	102	141	203	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	1.2	0.6	1.7	0.9	102	124	191	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	1.4	0.7	2.1	1	102	139	203	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	1.8	0.9	2.7	1.4	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	2.6	1.3	6	3	102	219	305	305	102	249	318	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	4.9	2.4	10.7	5.3	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	5.8	2.9	13.8	6.9	102	324	419	419	102	354	445	432	102	374	457	445	152	404	470	508	152	424	495	521
12"	10.7	5.3	26.7	13.3	102	374	457	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.6	5.8	29.4	14.7	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	13.3	6.7	33.8	16.9	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	19.6	9.8	37.8	18.9	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	21.8	10.9	42.3	21.1	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	25.8	12.9	78.7	39.4	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	32.5	16.2	98.3	49.2	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	39.1	19.6	117.9	58.9	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	75.6	37.8	137.9	68.9	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	87.2	43.6	153.9	77	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	101.4	50.7	179.7	89.9	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	109	54.5	192.6	96.3	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	119.7	59.8	211.7	105.9	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	130.8	65.4	231.3	115.7	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Polyurethane Guided

LEGACY DESIGNATION:
CG-7000; CG-7100; CG-8000; CG-8100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
CG(L)PF	- 8 x	40	- 100	- 300	- 19	- 10

Cold **G**uide (**L**aterally Restrained) **P**olyurethane **F**oam

METRIC

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					90 mm				100 mm				115 mm				130 mm				140 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.1	0.4	0.2	152	202	267	292	152	222	292	305	152	252	318	318	203	282	343	381	203	302	368	394
3/4"	0.3	0.2	0.5	0.2	152	207	267	292	152	227	292	305	152	257	318	318	203	287	343	381	203	307	368	394
1"	0.4	0.2	0.6	0.3	152	214	267	292	152	234	292	305	152	264	318	318	203	294	343	381	203	314	368	394
1-1/2"	0.6	0.3	0.9	0.5	152	229	292	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	406	419
2"	0.8	0.4	1.2	0.6	152	241	292	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	406	419
2-1/2"	1.2	0.6	1.7	0.9	152	254	318	343	152	274	343	356	152	304	368	368	203	334	406	432	203	354	432	445
3"	1.4	0.7	2.1	1	152	269	318	343	152	289	343	356	152	319	368	368	203	349	406	445	203	369	432	457
4"	1.8	0.9	2.7	1.4	152	295	343	368	152	315	368	381	152	345	406	406	203	375	432	470	203	395	457	483
6"	2.6	1.3	6	3	152	349	419	432	152	369	445	445	152	399	470	457	203	429	495	521	203	449	521	533
8"	4.9	2.4	10.7	5.3	152	400	470	483	152	420	495	495	203	450	521	559	203	480	546	572	203	500	572	584
10"	5.8	2.9	13.8	6.9	152	454	521	533	152	474	546	546	203	504	572	610	203	534	597	622	203	554	622	635
12"	10.7	5.3	26.7	13.3	152	504	572	584	152	524	597	597	203	554	622	660	203	584	648	673	203	604	673	686
14"	11.6	5.8	29.4	14.7	152	536	597	610	152	556	622	622	203	586	648	686	203	616	673	699	203	636	699	711
16"	13.3	6.7	33.8	16.9	152	587	648	660	203	607	673	724	203	637	699	737	203	667	724	749	203	687	749	762
18"	19.6	9.8	37.8	18.9	152	638	711	711	203	658	737	775	203	688	762	787	203	718	787	800	203	738	813	813
20"	21.8	10.9	42.3	21.1	152	688	762	762	203	708	787	826	203	738	813	838	203	768	838	851	203	788	864	864
24"	25.8	12.9	78.7	39.4	152	790	864	876	203	810	889	940	203	840	914	953	203	870	940	965	203	890	965	978
30"	32.5	16.2	98.3	49.2	203	942	1016	1080	203	962	1041	1092	203	992	1067	1105	203	1022	1092	1118	254	1042	1118	1181
36"	39.1	19.6	117.9	58.9	203	1095	1168	1232	203	1115	1194	1245	203	1145	1219	1257	203	1175	1245	1270	254	1195	1270	1334
42"	75.6	37.8	137.9	68.9	203	1247	1321	1384	203	1267	1346	1397	203	1297	1372	1410	203	1327	1397	1422	254	1347	1422	1486
48"	87.2	43.6	153.9	77	203	1400	1473	1537	203	1420	1499	1549	203	1450	1524	1562	203	1480	1549	1575	254	1500	1575	1638
56"	101.4	50.7	179.7	89.9	203	1603	1676	1740	203	1623	1702	1753	203	1653	1727	1765	203	1683	1753	1778	254	1703	1778	1842
60"	109	54.5	192.6	96.3	203	1704	1778	1842	203	1724	1803	1854	203	1754	1829	1867	203	1784	1854	1880	254	1804	1880	1943
66"	119.7	59.8	211.7	105.9	203	1857	1930	1969	203	1877	1956	1981	203	1907	1981	1994	203	1937	2007	2007	254	1957	2032	2070
72"	130.8	65.4	231.3	115.7	203	2009	2083	2146	203	2029	2108	2159	203	2059	2134	2172	203	2089	2159	2184	254	2109	2184	2248

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					150 mm				165 mm				180 mm				190 mm				200 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.1	0.4	0.2	203	322	406	406	203	352	432	419	254	382	457	483	254	402	483	495	254	422	508	508
3/4"	0.3	0.2	0.5	0.2	203	327	406	406	203	357	432	419	254	387	457	483	254	407	483	495	254	427	508	508
1"	0.4	0.2	0.6	0.3	203	334	406	406	203	364	432	419	254	394	457	483	254	414	483	495	254	434	508	508
1-1/2"	0.6	0.3	0.9	0.5	203	349	432	432	203	379	457	445	254	409	483	508	254	429	508	521	254	449	533	533
2"	0.8	0.4	1.2	0.6	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	1.2	0.6	1.7	0.9	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	1.4	0.7	2.1	1	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	1.8	0.9	2.7	1.4	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	2.6	1.3	6	3	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	4.9	2.4	10.7	5.3	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	5.8	2.9	13.8	6.9	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	10.7	5.3	26.7	13.3	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.6	5.8	29.4	14.7	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	13.3	6.7	33.8	16.9	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	19.6	9.8	37.8	18.9	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	21.8	10.9	42.3	21.1	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	25.8	12.9	78.7	39.4	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	32.5	16.2	98.3	49.2	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	39.1	19.6	117.9	58.9	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	75.6	37.8	137.9	68.9	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	87.2	43.6	153.9	77	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	101.4	50.7	179.7	89.9	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	109	54.5	192.6	96.3	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	119.7	59.8	211.7	105.9	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	130.8	65.4	231.3	115.7	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

Polyurethane Anchor

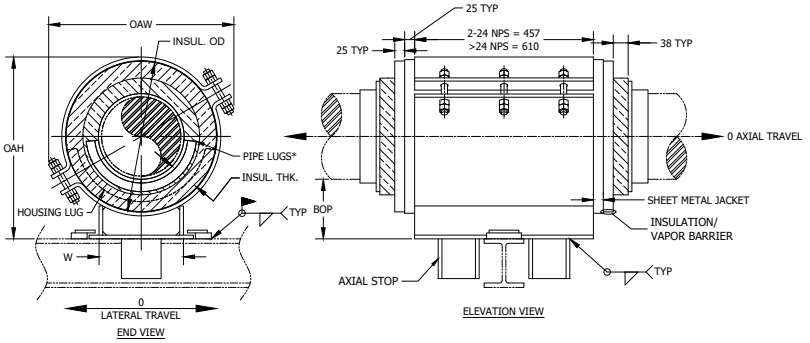
DESIGNATION EXAMPLE

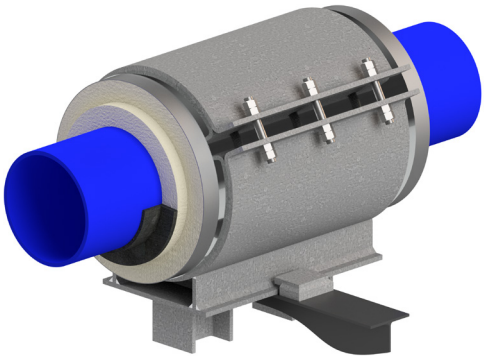
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load	Axial Load
CAPF -	8 x	75 -	150 -	300 -	11 -	5 -	8

LEGACY DESIGNATION:
CA-4000; CA-4100

Cold **A**nchor **P**olyurethane **F**oam

METRIC





** - Pipe lugs to be compatible with process pipe material.

*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

Pipe Size	L (mm)	Base Length
< 356 mm	305	457
≥ 356 mm	457	457

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Axial Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							25 mm				40 mm				50 mm				65 mm				75 mm			
	VERT. (kN)	LAT. (kN)	AXI. (kN)	VERT. (kN)	LAT. (kN)	AXI. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
2"	0.8	0.4	0.7	1.2	0.6	2.4	102	111	165	203	102	141	191	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	1.2	0.6	0.8	1.7	0.9	3.4	102	124	178	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	1.4	0.7	0.9	2.1	1	2.9	102	139	191	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	1.8	0.9	1.1	2.7	1.4	3.4	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	2.6	1.3	1.2	6	3	6.7	102	219	279	305	102	249	305	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	4.9	2.4	2	10.7	5.3	8.3	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	5.8	2.9	2.8	13.8	6.9	10.5	102	324	381	419	102	354	419	432	102	374	445	445	152	404	470	508	152	424	495	521
12"	10.7	5.3	4.9	26.7	13.3	20.3	102	374	445	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.6	5.8	5.3	29.4	14.7	21.1	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	13.3	6.7	6.1	33.8	16.9	21.8	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	19.6	9.8	8	37.8	18.9	24.3	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	21.8	10.9	8.8	42.3	21.1	26.7	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	25.8	12.9	10.5	78.7	39.4	57.4	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	32.5	16.2	12.9	98.3	49.2	70.7	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	39.1	19.6	15.4	117.9	58.9	83.9	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	75.6	37.8	29.7	137.9	68.9	97.1	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	87.2	43.6	36.3	153.9	77	101	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	101.4	50.7	42.1	179.7	89.9	112.9	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	109	54.5	45	192.6	96.3	116.4	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	119.7	59.8	49.4	211.7	105.9	118.4	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	130.8	65.4	53.8	231.3	115.7	118.8	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Polyurethane Anchor

LEGACY DESIGNATION:
CA-4000; CA-4100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load	Axial Load
CAPF -	8 x	75 -	150 -	300 -	11 -	5 -	8

Cold **A**nchor **P**olyurethane **F**oam

METRIC

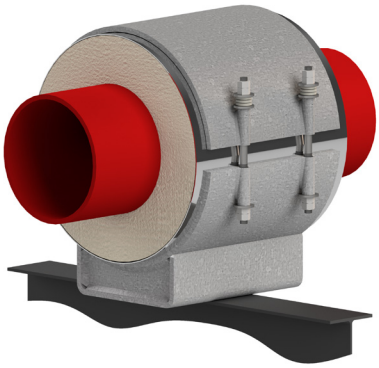
PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							90 mm				100 mm				115 mm				130 mm				140 mm			
	VERT. (kN)	LAT. (kN)	AXI. (kN)	VERT. (kN)	LAT. (kN)	AXI. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
2"	0.8	0.4	0.7	1.2	0.6	2.4	152	241	292	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	406	419
2-1/2"	1.2	0.6	0.8	1.7	0.9	3.4	152	254	318	343	152	274	343	356	152	304	368	368	203	334	406	432	203	354	432	445
3"	1.4	0.7	0.9	2.1	1	2.9	152	269	318	343	152	289	343	356	152	319	368	368	203	349	406	445	203	369	432	457
4"	1.8	0.9	1.1	2.7	1.4	3.4	152	295	343	368	152	315	368	381	152	345	406	406	203	375	432	470	203	395	457	483
6"	2.6	1.3	1.2	6	3	6.7	152	349	419	432	152	369	445	445	152	399	470	457	203	429	495	521	203	449	521	533
8"	4.9	2.4	2	10.7	5.3	8.3	152	400	470	483	152	420	495	495	203	450	521	559	203	480	546	572	203	500	572	584
10"	5.8	2.9	2.8	13.8	6.9	10.5	152	454	521	533	152	474	546	546	203	504	572	610	203	534	597	622	203	554	622	635
12"	10.7	5.3	4.9	26.7	13.3	20.3	152	504	572	584	152	524	597	597	203	554	622	660	203	584	648	673	203	604	673	686
14"	11.6	5.8	5.3	29.4	14.7	21.1	152	536	597	610	152	556	622	622	203	586	648	686	203	616	673	699	203	636	699	711
16"	13.3	6.7	6.1	33.8	16.9	21.8	152	587	648	660	203	607	673	724	203	637	699	737	203	667	724	749	203	687	749	762
18"	19.6	9.8	8	37.8	18.9	24.3	152	638	711	711	203	658	737	775	203	688	762	787	203	718	787	800	203	738	813	813
20"	21.8	10.9	8.8	42.3	21.1	26.7	152	688	762	762	203	708	787	826	203	738	813	838	203	768	838	851	203	788	864	864
24"	25.8	12.9	10.5	78.7	39.4	57.4	152	790	864	876	203	810	889	940	203	840	914	953	203	870	940	965	203	890	965	978
30"	32.5	16.2	12.9	98.3	49.2	70.7	203	942	1016	1080	203	962	1041	1092	203	992	1067	1105	203	1022	1092	1118	254	1042	1118	1181
36"	39.1	19.6	15.4	117.9	58.9	83.9	203	1095	1168	1232	203	1115	1194	1245	203	1145	1219	1257	203	1175	1245	1270	254	1195	1270	1334
42"	75.6	37.8	29.7	137.9	68.9	97.1	203	1247	1321	1384	203	1267	1346	1397	203	1297	1372	1410	203	1327	1397	1422	254	1347	1422	1486
48"	87.2	43.6	36.3	153.9	77	101	203	1400	1473	1537	203	1420	1499	1549	203	1450	1524	1562	203	1480	1549	1575	254	1500	1575	1638
56"	101.4	50.7	42.1	179.7	89.9	112.9	203	1603	1676	1740	203	1623	1702	1753	203	1653	1727	1765	203	1683	1753	1778	254	1703	1778	1842
60"	109	54.5	45	192.6	96.3	116.4	203	1704	1778	1842	203	1724	1803	1854	203	1754	1829	1867	203	1784	1854	1880	254	1804	1880	1943
66"	119.7	59.8	49.4	211.7	105.9	118.4	203	1857	1930	1969	203	1877	1956	1981	203	1907	1981	1994	203	1937	2007	2007	254	1957	2032	2070
72"	130.8	65.4	53.8	231.3	115.7	118.8	203	2009	2083	2146	203	2029	2108	2159	203	2059	2134	2172	203	2089	2159	2184	254	2109	2184	2248

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							150 mm				165 mm				180 mm				190 mm				200 mm			
	VERT. (kN)	LAT. (kN)	AXI. (kN)	VERT. (kN)	LAT. (kN)	AXI. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
2"	0.8	0.4	0.7	1.2	0.6	2.4	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	1.2	0.6	0.8	1.7	0.9	3.4	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	1.4	0.7	0.9	2.1	1	2.9	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	1.8	0.9	1.1	2.7	1.4	3.4	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	2.6	1.3	1.2	6	3	6.7	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	4.9	2.4	2	10.7	5.3	8.3	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	5.8	2.9	2.8	13.8	6.9	10.5	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	10.7	5.3	4.9	26.7	13.3	20.3	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.6	5.8	5.3	29.4	14.7	21.1	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	13.3	6.7	6.1	33.8	16.9	21.8	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	19.6	9.8	8	37.8	18.9	24.3	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	21.8	10.9	8.8	42.3	21.1	26.7	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	25.8	12.9	10.5	78.7	39.4	57.4	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	32.5	16.2	12.9	98.3	49.2	70.7	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	39.1	19.6	15.4	117.9	58.9	83.9	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	75.6	37.8	29.7	137.9	68.9	97.1	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	87.2	43.6	36.3	153.9	77	101	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	101.4	50.7	42.1	179.7	89.9	112.9	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	109	54.5	45	192.6	96.3	116.4	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	119.7	59.8	49.4	211.7	105.9	118.4	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	130.8	65.4	53.8	231.3	115.7	118.8	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

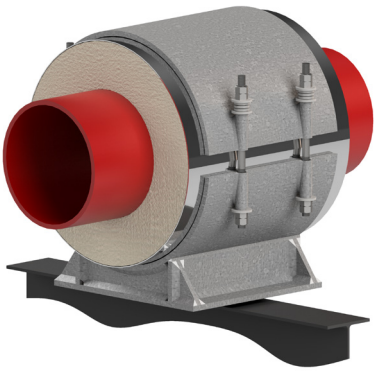
Sleeve Calcium Silicate Supports

METRIC

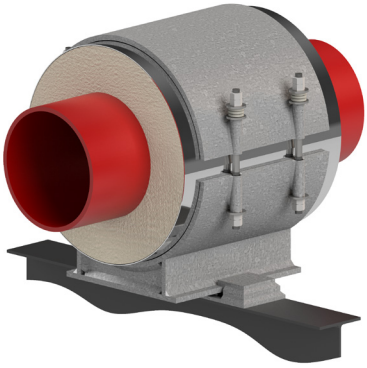
Calcium Silicate Sleeve Overview



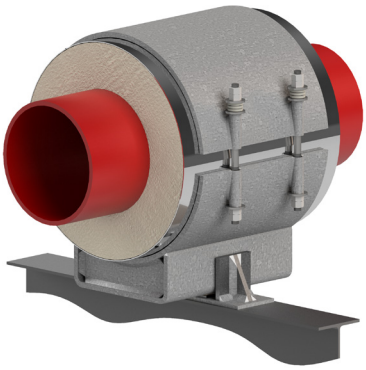
Calcium Silicate
Resting



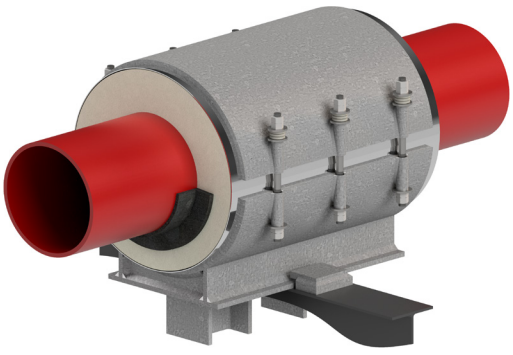
Calcium Silicate
High Lateral Travel



Calcium Silicate
Vertically Restrained Guided



Calcium Silicate
Guided



Calcium Silicate
Anchor

Calcium Silicate Resting

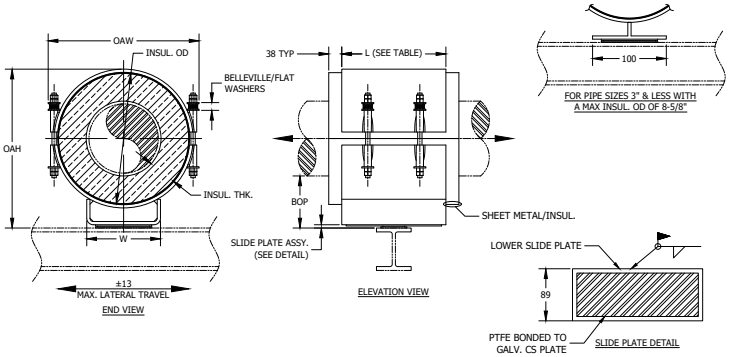
LEGACY DESIGNATION:
HS-1000; HS-1100; HS-1200; HS-1300;
HS-2000; HS-2100; HS-2200; HS-2300

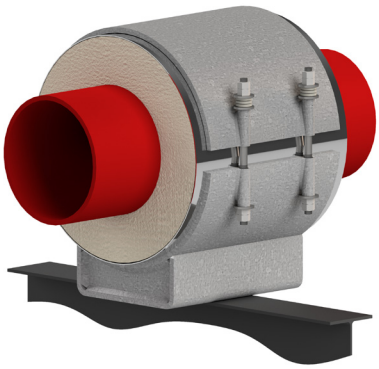
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
HSCS -	8 x	75 -	100 -	300 -	23

Hot **S**lide **C**alcium **S**ilicate

METRIC





*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"

Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (±13 mm Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			25 mm				40 mm				50 mm				65 mm				75 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.6	2.4	102	72	114	165	102	102	152	178	102	122	178	191	102	152	216	216	152	172	241	279
3/4"	0.8	3.1	102	77	114	165	102	107	152	178	102	127	178	191	102	157	216	216	152	177	241	279
1"	1	4	102	84	140	178	102	114	165	191	102	134	191	203	102	164	216	216	152	184	241	279
1-1/2"	1.4	5.8	102	99	152	191	102	129	178	203	102	149	216	229	102	179	241	241	152	199	267	305
2"	1.7	6.7	102	111	165	203	102	141	191	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	2	8	102	124	178	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	2.4	9.3	102	139	191	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	3.7	14.9	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	5.7	22.7	102	219	279	305	102	249	305	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	7.6	30.2	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	8.9	35.6	102	324	381	419	102	354	419	432	102	374	445	445	152	404	470	508	152	424	495	521
12"	9.8	39.1	102	374	445	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.1	44.5	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	12.9	51.6	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	14.2	56.9	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	15.1	60.5	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	16	64.1	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	20.9	83.6	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	24.5	97.9	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	27.6	110.3	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	31.6	126.3	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	36.9	147.2	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	39.6	157.9	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	43.6	173.5	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	47.6	189.5	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Calcium Silicate Resting

LEGACY DESIGNATION:
HS-1000; HS-1100; HS-1200; HS-1300;
HS-2000; HS-2100; HS-2200; HS-2300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size		Insulation Thickness		BOP (mm)		Support Length		Vertical Load
HSCS	- 8	x	75	-	100	-	300	-	23

Hot **S**lide **C**alcium **S**ilicate

METRIC

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																	
			90 mm				100 mm				115 mm				130 mm				140 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	100	250	6	202	10.5	11.5	6	222	11.5	12	6	252	12.5	12.5	8	282	13.5	15	8	302	14.5	15.5
3/4"	112	280	6	207	10.5	11.5	6	227	11.5	12	6	257	12.5	12.5	8	287	13.5	15	8	307	14.5	15.5
1"	160	400	6	214	10.5	11.5	6	234	11.5	12	6	264	12.5	12.5	8	294	13.5	15	8	314	14.5	15.5
1-1/2"	240	600	6	229	11.5	12.5	6	249	12.5	13	6	279	13.5	13.5	8	309	14.5	16	8	329	16	16.5
2"	300	750	6	241	11.5	12.5	6	261	12.5	13	6	291	13.5	13.5	8	321	14.5	16	8	341	16	16.5
2-1/2"	360	900	6	254	12.5	13.5	6	274	13.5	14	6	304	14.5	14.5	8	334	16	17	8	354	17	17.5
3"	530	2120	6	269	12.5	13.5	6	289	13.5	14	6	319	14.5	14.5	8	349	16	17.5	8	369	17	18
4"	840	3360	6	295	13.5	14.5	6	315	14.5	15	6	345	16	16	8	375	17	18.5	8	395	18	19
6"	1275	5100	6	349	16.5	17	6	369	17.5	17.5	6	399	18.5	18	8	429	19.5	20.5	8	449	20.5	21
8"	1700	6800	6	400	18.5	19	6	420	19.5	19.5	8	450	20.5	22	8	480	21.5	22.5	8	500	22.5	23
10"	2000	8000	6	454	20.5	21	6	474	21.5	21.5	8	504	22.5	24	8	534	23.5	24.5	8	554	24.5	25
12"	2200	8800	6	504	22.5	23	6	524	23.5	23.5	8	554	24.5	26	8	584	25.5	26.5	8	604	26.5	27
14"	2500	10000	6	536	23.5	24	6	556	24.5	24.5	8	586	25.5	27	8	616	26.5	27.5	8	636	27.5	28
16"	2900	11600	6	587	25.5	26	8	607	26.5	28.5	8	637	27.5	29	8	667	28.5	29.5	8	687	29.5	30
18"	3200	12800	6	638	28	28	8	658	29	30.5	8	688	30	31	8	718	31	31.5	8	738	32	32
20"	3400	13600	6	688	30	30	8	708	31	32.5	8	738	32	33	8	768	33	33.5	8	788	34	34
24"	3600	14440	6	790	34	34.5	8	810	35	37	8	840	36	37.5	8	870	37	38	8	890	38	38.5
30"	4700	18800	8	942	40	42.5	8	962	41	43	8	992	42	43.5	8	1022	43	44	10	1042	44	46.5
36"	5500	22000	8	1095	46	48.5	8	1115	47	49	8	1145	48	49.5	8	1175	49	50	10	1195	50	52.5
42"	6200	24800	8	1247	52	54.5	8	1267	53	55	8	1297	54	55.5	8	1327	55	56	10	1347	56	58.5
48"	7100	28400	8	1400	58	60.5	8	1420	59	61	8	1450	60	61.5	8	1480	61	62	10	1500	62	64.5
56"	8300	33100	8	1603	66	68.5	8	1623	67	69	8	1653	68	69.5	8	1683	69	70	10	1703	70	72.5
60"	8900	35500	8	1704	70	72.5	8	1724	71	73	8	1754	72	73.5	8	1784	73	74	10	1804	74	76.5
66"	9800	39000	8	1857	76	77.5	8	1877	77	78	8	1907	78	78.5	8	1937	79	79	10	1957	80	81.5
72"	10700	42600	8	2009	82	84.5	8	2029	83	85	8	2059	84	85.5	8	2089	85	86	10	2109	86	88.5

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			150 mm				165 mm				180 mm				190 mm				200 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.4	1.1	203	322	406	406	203	352	432	419	254	382	457	483	254	402	483	495	254	422	508	508
3/4"	0.5	1.2	203	327	406	406	203	357	432	419	254	387	457	483	254	407	483	495	254	427	508	508
1"	0.7	1.8	203	334	406	406	203	364	432	419	254	394	457	483	254	414	483	495	254	434	508	508
1-1/2"	1.1	2.7	203	349	432	432	203	379	457	445	254	409	483	508	254	429	508	521	254	449	533	533
2"	1.3	3.3	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	1.6	4	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	2.4	9.4	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	3.7	14.9	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	5.7	22.7	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	7.6	30.2	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	8.9	35.6	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	9.8	39.1	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.1	44.5	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	12.9	51.6	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	14.2	56.9	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	15.1	60.5	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	16	64.2	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	20.9	83.6	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	24.5	97.9	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	27.6	110.3	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	31.6	126.3	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	36.9	147.2	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	39.6	157.9	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	43.6	173.5	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	47.6	189.5	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

Calcium Silicate High Lateral Travel

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
HS(H)CS -	8 x	75 -	150 -	300 -	8

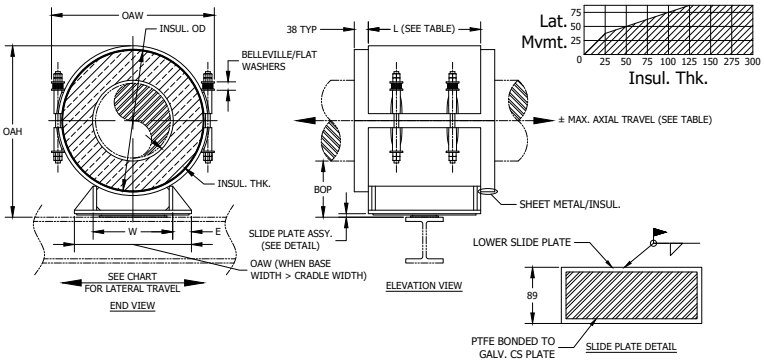
Hot **S**lide (**H**igh Lateral Travel) **C**alcium **S**ilicate

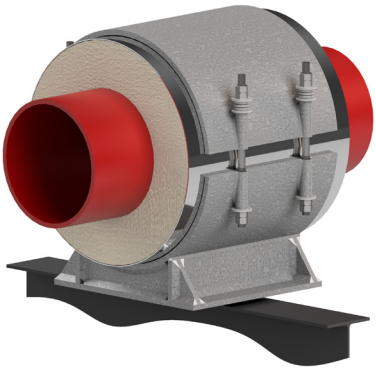
LEGACY DESIGNATION:

HS-5000; HS-5100; HS-5200; HS-5300;

HS-6000; HS-6100; HS-6200; HS-6300

METRIC





*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"

Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (See Chart) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:

1) Dimensions in millimeters unless noted

2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			25 mm				40 mm				50 mm				65 mm				75 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.6	2.4	102	72	165	165	102	102	165	178	102	122	216	191	102	152	216	216	152	172	267	279
3/4"	0.8	3.1	102	77	165	165	102	107	165	178	102	127	216	191	102	157	216	216	152	177	267	279
1"	1	4	102	84	165	178	102	114	165	191	102	134	216	203	102	164	216	216	152	184	267	279
1-1/2"	1.4	5.8	102	99	165	191	102	129	178	203	102	149	216	229	102	179	241	241	152	199	267	305
2"	1.7	6.7	102	111	165	203	102	141	191	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	2	8	102	124	178	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	2.4	9.3	102	139	191	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	3.7	14.9	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	5.7	22.7	102	219	279	305	102	249	305	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	7.6	30.2	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	8.9	35.6	102	324	381	419	102	354	419	432	102	374	445	445	152	404	470	508	152	424	495	521
12"	9.8	39.1	102	374	445	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.1	44.5	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	12.9	51.6	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	14.2	56.9	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	15.1	60.5	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	16	64.1	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	20.9	83.6	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	24.5	97.9	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	27.6	110.3	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	31.6	126.3	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	36.9	147.2	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	39.6	157.9	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	43.6	173.5	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	47.6	189.5	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Calcium Silicate High Lateral Travel

LEGACY DESIGNATION:
HS-5000; HS-5100; HS-5200; HS-5300;
HS-6000; HS-6100; HS-6200; HS-6300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
HS(H)CS -	8 x	75 -	150 -	300 -	8

Hot **S**lide (**H**igh Lateral Travel) **C**alcium **S**ilicate

METRIC

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			90 mm				100 mm				115 mm				130 mm				140 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.6	2.4	152	202	267	292	152	222	318	305	152	252	318	318	203	282	343	381	203	302	368	394
3/4"	0.8	3.1	152	207	267	292	152	227	318	305	152	257	318	318	203	287	343	381	203	307	368	394
1"	1	4	152	214	267	292	152	234	318	305	152	264	318	318	203	294	343	381	203	314	368	394
1-1/2"	1.4	5.8	152	229	292	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	406	419
2"	1.7	6.7	152	241	292	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	406	419
2-1/2"	2	8	152	254	318	343	152	274	343	356	152	304	368	368	203	334	406	432	203	354	432	445
3"	2.4	9.3	152	269	318	343	152	289	343	356	152	319	368	368	203	349	406	445	203	369	432	457
4"	3.7	14.9	152	295	343	368	152	315	368	381	152	345	406	406	203	375	432	470	203	395	457	483
6"	5.7	22.7	152	349	419	432	152	369	445	445	152	399	470	457	203	429	495	521	203	449	521	533
8"	7.6	30.2	152	400	470	483	152	420	495	495	203	450	521	559	203	480	546	572	203	500	572	584
10"	8.9	35.6	152	454	521	533	152	474	546	546	203	504	572	610	203	534	597	622	203	554	622	635
12"	9.8	39.1	152	504	572	584	152	524	597	597	203	554	622	660	203	584	648	673	203	604	673	686
14"	11.1	44.5	152	536	597	610	152	556	622	622	203	586	648	686	203	616	673	699	203	636	699	711
16"	12.9	51.6	152	587	648	660	203	607	673	724	203	637	699	737	203	667	724	749	203	687	749	762
18"	14.2	56.9	152	638	711	711	203	658	737	775	203	688	762	787	203	718	787	800	203	738	813	813
20"	15.1	60.5	152	688	762	762	203	708	787	826	203	738	813	838	203	768	838	851	203	788	864	864
24"	16	64.1	152	790	864	876	203	810	889	940	203	840	914	953	203	870	940	965	203	890	965	978
30"	20.9	83.6	203	942	1016	1080	203	962	1041	1092	203	992	1067	1105	203	1022	1092	1118	254	1042	1118	1181
36"	24.5	97.9	203	1095	1168	1232	203	1115	1194	1245	203	1145	1219	1257	203	1175	1245	1270	254	1195	1270	1334
42"	27.6	110.3	203	1247	1321	1384	203	1267	1346	1397	203	1297	1372	1410	203	1327	1397	1422	254	1347	1422	1486
48"	31.6	126.3	203	1400	1473	1537	203	1420	1499	1549	203	1450	1524	1562	203	1480	1549	1575	254	1500	1575	1638
56"	36.9	147.2	203	1603	1676	1740	203	1623	1702	1753	203	1653	1727	1765	203	1683	1753	1778	254	1703	1778	1842
60"	39.6	157.9	203	1704	1778	1842	203	1724	1803	1854	203	1754	1829	1867	203	1784	1854	1880	254	1804	1880	1943
66"	43.6	173.5	203	1857	1930	1969	203	1877	1956	1981	203	1907	1981	1994	203	1937	2007	2007	254	1957	2032	2070
72"	47.6	189.5	203	2009	2083	2146	203	2029	2108	2159	203	2059	2134	2172	203	2089	2159	2184	254	2109	2184	2248

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			150 mm				165 mm				180 mm				190 mm				200 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.6	2.4	203	322	406	406	203	352	432	419	254	382	457	483	254	402	483	495	254	422	508	508
3/4"	0.8	3.1	203	327	406	406	203	357	432	419	254	387	457	483	254	407	483	495	254	427	508	508
1"	1	4	203	334	406	406	203	364	432	419	254	394	457	483	254	414	483	495	254	434	508	508
1-1/2"	1.4	5.8	203	349	432	432	203	379	457	445	254	409	483	508	254	429	508	521	254	449	533	533
2"	1.7	6.7	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	2	8	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	2.4	9.3	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	3.7	14.9	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	5.7	22.7	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	7.6	30.2	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	8.9	35.6	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	9.8	39.1	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.1	44.5	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	12.9	51.6	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	14.2	56.9	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	15.1	60.5	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	16	64.1	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	20.9	83.6	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	24.5	97.9	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	27.6	110.3	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	31.6	126.3	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	36.9	147.2	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	39.6	157.9	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	43.6	173.5	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	47.6	189.5	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

Calcium Silicate Vertically Restrained Guided

LEGACY DESIGNATION:

HG-3000; HG-3100; HG-3200; HG-3300;

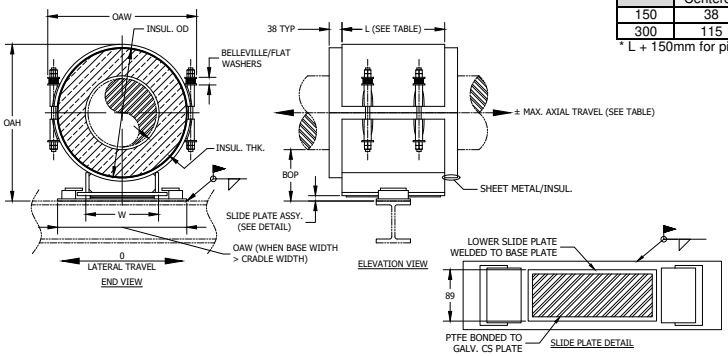
HG-4000; HG-4100; HG-4200; HG-4300

METRIC

DESIGNATION EXAMPLE

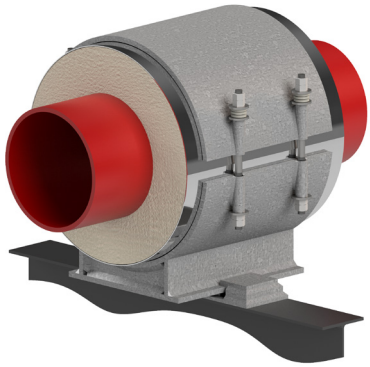
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
HGCS -	8 x	75 -	150 -	300 -	8 -	3

Hot **G**uide **C**alcium **S**ilicate



L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"



*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±3 mm Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:

1)Dimensions in millimeters unless noted

2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	**LOW** LOAD OPTION		**HIGH** LOAD OPTION		**INSULATION THICKNESS**																			
					25 mm				40 mm				50 mm				65 mm				75 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.6	0.2	2.4	0.9	102	72	152	165	102	102	152	178	102	122	178	191	102	152	216	216	152	172	241	279
3/4"	0.8	0.3	3.1	1.1	102	77	152	165	102	107	152	178	102	127	178	191	102	157	216	216	152	177	241	279
1"	1	0.4	4	1.4	102	84	152	178	102	114	165	191	102	134	191	203	102	164	216	216	152	184	241	279
1-1/2"	1.4	0.5	5.8	2	102	99	152	191	102	129	178	203	102	149	216	229	102	179	241	241	152	199	267	305
2"	1.7	0.6	6.7	2.3	102	111	165	203	102	141	191	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	2	0.7	8	2.8	102	124	178	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	2.4	0.8	9.3	3.3	102	139	191	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	3.7	1.3	14.9	5.2	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	5.7	2	22.7	7.9	102	219	279	305	102	249	305	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	7.6	2.6	30.2	10.6	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	8.9	3.1	35.6	12.5	102	324	381	419	102	354	419	432	102	374	445	445	152	404	470	508	152	424	495	521
12"	9.8	3.4	39.1	13.7	102	374	445	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.1	3.9	44.5	15.6	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	12.9	4.5	51.6	18.1	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	14.2	5	56.9	19.9	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	15.1	5.3	60.5	21.2	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	16	5.6	64.1	22.4	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	20.9	7.3	83.6	29.3	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	24.5	8.6	97.9	34.3	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	27.6	9.7	110.3	38.6	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	31.6	11.1	126.3	44.2	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	36.9	12.9	147.2	51.5	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	39.6	13.9	157.9	55.3	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	43.6	15.3	173.5	60.7	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	47.6	16.7	189.5	66.3	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Calcium Silicate Vertically Restrained Guided

LEGACY DESIGNATION:
HG-3000; HG-3100; HG-3200; HG-3300;
HG-4000; HG-4100; HG-4200; HG-4300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
HGCS -	8 x	75 -	150 -	300 -	8 -	3

Hot **G**uide **C**alcium **S**ilicate

METRIC

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					90 mm				100 mm				115 mm				130 mm				140 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.1	0.4	0.2	152	202	267	292	152	222	292	305	152	252	318	318	203	282	343	381	203	302	368	394
3/4"	0.3	0.2	0.5	0.2	152	207	267	292	152	227	292	305	152	257	318	318	203	287	343	381	203	307	368	394
1"	0.4	0.2	0.6	0.3	152	214	267	292	152	234	292	305	152	264	318	318	203	294	343	381	203	314	368	394
1-1/2"	0.6	0.3	0.9	0.5	152	229	292	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	406	419
2"	0.8	0.4	1.2	0.6	152	241	292	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	406	419
2-1/2"	1.2	0.6	1.7	0.9	152	254	318	343	152	274	343	356	152	304	368	368	203	334	406	432	203	354	432	445
3"	1.4	0.7	2.1	1	152	269	318	343	152	289	343	356	152	319	368	368	203	349	406	445	203	369	432	457
4"	1.8	0.9	2.7	1.4	152	295	343	368	152	315	368	381	152	345	406	406	203	375	432	470	203	395	457	483
6"	2.6	1.3	6	3	152	349	419	432	152	369	445	445	152	399	470	457	203	429	495	521	203	449	521	533
8"	4.9	2.4	10.7	5.3	152	400	470	483	152	420	495	495	203	450	521	559	203	480	546	572	203	500	572	584
10"	5.8	2.9	13.8	6.9	152	454	521	533	152	474	546	546	203	504	572	610	203	534	597	622	203	554	622	635
12"	10.7	5.3	26.7	13.3	152	504	572	584	152	524	597	597	203	554	622	660	203	584	648	673	203	604	673	686
14"	11.6	5.8	29.4	14.7	152	536	597	610	152	556	622	622	203	586	648	686	203	616	673	699	203	636	699	711
16"	13.3	6.7	33.8	16.9	152	587	648	660	203	607	673	724	203	637	699	737	203	667	724	749	203	687	749	762
18"	19.6	9.8	37.8	18.9	152	638	711	711	203	658	737	775	203	688	762	787	203	718	787	800	203	738	813	813
20"	21.8	10.9	42.3	21.1	152	688	762	762	203	708	787	826	203	738	813	838	203	768	838	851	203	788	864	864
24"	25.8	12.9	78.7	39.4	152	790	864	876	203	810	889	940	203	840	914	953	203	870	940	965	203	890	965	978
30"	32.5	16.2	98.3	49.2	203	942	1016	1080	203	962	1041	1092	203	992	1067	1105	203	1022	1092	1118	254	1042	1118	1181
36"	39.1	19.6	117.9	58.9	203	1095	1168	1232	203	1115	1194	1245	203	1145	1219	1257	203	1175	1245	1270	254	1195	1270	1334
42"	75.6	37.8	137.9	68.9	203	1247	1321	1384	203	1267	1346	1397	203	1297	1372	1410	203	1327	1397	1422	254	1347	1422	1486
48"	87.2	43.6	153.9	77	203	1400	1473	1537	203	1420	1499	1549	203	1450	1524	1562	203	1480	1549	1575	254	1500	1575	1638
56"	101.4	50.7	179.7	89.9	203	1603	1676	1740	203	1623	1702	1753	203	1653	1727	1765	203	1683	1753	1778	254	1703	1778	1842
60"	109	54.5	192.6	96.3	203	1704	1778	1842	203	1724	1803	1854	203	1754	1829	1867	203	1784	1854	1880	254	1804	1880	1943
66"	119.7	59.8	211.7	105.9	203	1857	1930	1969	203	1877	1956	1981	203	1907	1981	1994	203	1937	2007	2007	254	1957	2032	2070
72"	130.8	65.4	231.3	115.7	203	2009	2083	2146	203	2029	2108	2159	203	2059	2134	2172	203	2089	2159	2184	254	2109	2184	2248

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					150 mm				165 mm				180 mm				190 mm				200 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.1	0.4	0.2	203	322	406	406	203	352	432	419	254	382	457	483	254	402	483	495	254	422	508	508
3/4"	0.3	0.2	0.5	0.2	203	327	406	406	203	357	432	419	254	387	457	483	254	407	483	495	254	427	508	508
1"	0.4	0.2	0.6	0.3	203	334	406	406	203	364	432	419	254	394	457	483	254	414	483	495	254	434	508	508
1-1/2"	0.6	0.3	0.9	0.5	203	349	432	432	203	379	457	445	254	409	483	508	254	429	508	521	254	449	533	533
2"	0.8	0.4	1.2	0.6	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	1.2	0.6	1.7	0.9	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	1.4	0.7	2.1	1	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	1.8	0.9	2.7	1.4	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	2.6	1.3	6	3	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	4.9	2.4	10.7	5.3	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	5.8	2.9	13.8	6.9	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	10.7	5.3	26.7	13.3	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.6	5.8	29.4	14.7	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	13.3	6.7	33.8	16.9	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	19.6	9.8	37.8	18.9	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	21.8	10.9	42.3	21.1	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	25.8	12.9	78.7	39.4	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	32.5	16.2	98.3	49.2	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	39.1	19.6	117.9	58.9	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	75.6	37.8	137.9	68.9	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	87.2	43.6	153.9	77	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	101.4	50.7	179.7	89.9	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	109	54.5	192.6	96.3	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	119.7	59.8	211.7	105.9	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	130.8	65.4	231.3	115.7	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

METRIC

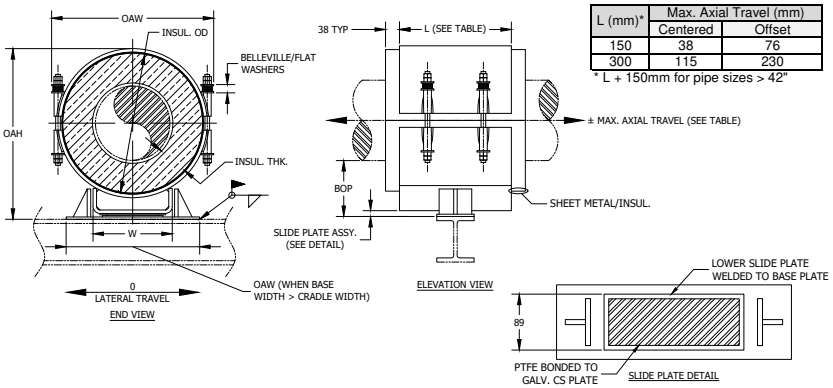
Calcium Silicate Guided

LEGACY DESIGNATION:
HG-7000; HG-7100; HG-7200; HG-7300;
HG-8000; HG-8100; HG-8200; HG-8300

DESIGNATION EXAMPLE

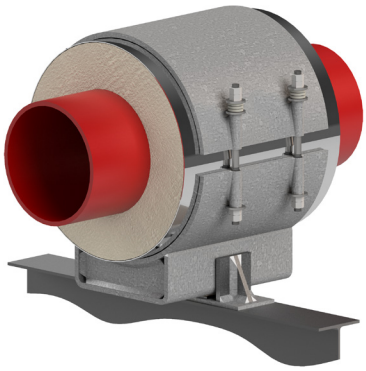
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
HG(L)CS -	8 x	150 -	6 -	300 -	8 -	4

Hot **G**uide (**L**aterally Restrained) **C**alcium **S**ilicate



L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"



*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±3 mm Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	**LOW** LOAD OPTION		**HIGH** LOAD OPTION		INSULATION THICKNESS																			
					25 mm				40 mm				50 mm				65 mm				75 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.6	0.3	2.4	1.2	-	-	-	-	102	102	178	178	102	122	191	191	102	152	216	216	152	172	241	279
3/4"	0.8	0.4	3.1	1.6	-	-	-	-	102	107	178	178	102	127	191	191	102	157	216	216	152	177	241	279
1"	1	0.5	4	2	-	-	-	-	102	114	178	191	102	134	203	203	102	164	216	216	152	184	241	279
1-1/2"	1.4	0.7	5.8	2.9	102	99	178	191	102	129	191	203	102	149	216	229	102	179	241	241	152	199	267	305
2"	1.7	0.8	6.7	3.3	102	111	178	203	102	141	203	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	2	1	8	4	102	124	191	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	2.4	1.2	9.3	4.7	102	139	203	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	3.7	1.9	14.9	7.5	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	5.7	2.8	22.7	11.3	102	219	305	305	102	249	318	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	7.6	3.8	30.2	15.1	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	8.9	4.4	35.6	17.8	102	324	419	419	102	354	445	432	102	374	457	445	152	404	470	508	152	424	495	521
12"	9.8	4.9	39.1	19.6	102	374	457	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.1	5.6	44.5	22.2	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	12.9	6.4	51.6	25.8	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	14.2	7.1	56.9	28.5	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	15.1	7.6	60.5	30.2	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	16	8	64.1	32	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	20.9	10.5	83.6	41.8	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	24.5	12.2	97.9	48.9	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	27.6	13.8	110.3	55.2	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	31.6	15.8	126.3	63.2	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	36.9	18.5	147.2	73.6	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	39.6	19.8	157.9	79	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	43.6	21.8	173.5	86.7	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	47.6	23.8	189.5	94.7	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Calcium Silicate Guided

LEGACY DESIGNATION:
HG-7000; HG-7100; HG-7200; HG-7300;
HG-8000; HG-8100; HG-8200; HG-8300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
HG(L)CS -	8 x	150 -	6 -	300 -	8 -	4

Hot **G**uide (**L**aterally Restrained) **C**alcium **S**ilicate

METRIC

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					90 mm				100 mm				115 mm				130 mm				140 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.6	0.3	2.4	1.2	152	202	267	292	152	222	292	305	152	252	318	318	203	282	343	381	203	302	368	394
3/4"	0.8	0.4	3.1	1.6	152	207	267	292	152	227	292	305	152	257	318	318	203	287	343	381	203	307	368	394
1"	1	0.5	4	2	152	214	267	292	152	234	292	305	152	264	318	318	203	294	343	381	203	314	368	394
1-1/2"	1.4	0.7	5.8	2.9	152	229	292	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	406	419
2"	1.7	0.8	6.7	3.3	152	241	292	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	406	419
2-1/2"	2	1	8	4	152	254	318	343	152	274	343	356	152	304	368	368	203	334	406	432	203	354	432	445
3"	2.4	1.2	9.3	4.7	152	269	318	343	152	289	343	356	152	319	368	368	203	349	406	445	203	369	432	457
4"	3.7	1.9	14.9	7.5	152	295	343	368	152	315	368	381	152	345	406	406	203	375	432	470	203	395	457	483
6"	5.7	2.8	22.7	11.3	152	349	419	432	152	369	445	445	152	399	470	457	203	429	495	521	203	449	521	533
8"	7.6	3.8	30.2	15.1	152	400	470	483	152	420	495	495	203	450	521	559	203	480	546	572	203	500	572	584
10"	8.9	4.4	35.6	17.8	152	454	521	533	152	474	546	546	203	504	572	610	203	534	597	622	203	554	622	635
12"	9.8	4.9	39.1	19.6	152	504	572	584	152	524	597	597	203	554	622	660	203	584	648	673	203	604	673	686
14"	11.1	5.6	44.5	22.2	152	536	597	610	152	556	622	622	203	586	648	686	203	616	673	699	203	636	699	711
16"	12.9	6.4	51.6	25.8	152	587	648	660	203	607	673	724	203	637	699	737	203	667	724	749	203	687	749	762
18"	14.2	7.1	56.9	28.5	152	638	711	711	203	658	737	775	203	688	762	787	203	718	787	800	203	738	813	813
20"	15.1	7.6	60.5	30.2	152	688	762	762	203	708	787	826	203	738	813	838	203	768	838	851	203	788	864	864
24"	16	8	64.1	32	152	790	864	876	203	810	889	940	203	840	914	953	203	870	940	965	203	890	965	978
30"	20.9	10.5	83.6	41.8	203	942	1016	1080	203	962	1041	1092	203	992	1067	1105	203	1022	1092	1118	254	1042	1118	1181
36"	24.5	12.2	97.9	48.9	203	1095	1168	1232	203	1115	1194	1245	203	1145	1219	1257	203	1175	1245	1270	254	1195	1270	1334
42"	27.6	13.8	110.3	55.2	203	1247	1321	1384	203	1267	1346	1397	203	1297	1372	1410	203	1327	1397	1422	254	1347	1422	1486
48"	31.6	15.8	126.3	63.2	203	1400	1473	1537	203	1420	1499	1549	203	1450	1524	1562	203	1480	1549	1575	254	1500	1575	1638
56"	36.9	18.5	147.2	73.6	203	1603	1676	1740	203	1623	1702	1753	203	1653	1727	1765	203	1683	1753	1778	254	1703	1778	1842
60"	39.6	19.8	157.9	79	203	1704	1778	1842	203	1724	1803	1854	203	1754	1829	1867	203	1784	1854	1880	254	1804	1880	1943
66"	43.6	21.8	173.5	86.7	203	1857	1930	1969	203	1877	1956	1981	203	1907	1981	1994	203	1937	2007	2007	254	1957	2032	2070
72"	47.6	23.8	189.5	94.7	203	2009	2083	2146	203	2029	2108	2159	203	2059	2134	2172	203	2089	2159	2184	254	2109	2184	2248

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					150 mm				165 mm				180 mm				190 mm				200 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.6	0.3	2.4	1.2	203	322	406	406	203	352	432	419	254	382	457	483	254	402	483	495	254	422	508	508
3/4"	0.8	0.4	3.1	1.6	203	327	406	406	203	357	432	419	254	387	457	483	254	407	483	495	254	427	508	508
1"	1	0.5	4	2	203	334	406	406	203	364	432	419	254	394	457	483	254	414	483	495	254	434	508	508
1-1/2"	1.4	0.7	5.8	2.9	203	349	432	432	203	379	457	445	254	409	483	508	254	429	508	521	254	449	533	533
2"	1.7	0.8	6.7	3.3	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	2	1	8	4	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	2.4	1.2	9.3	4.7	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	3.7	1.9	14.9	7.5	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	5.7	2.8	22.7	11.3	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	7.6	3.8	30.2	15.1	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	8.9	4.4	35.6	17.8	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	9.8	4.9	39.1	19.6	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.1	5.6	44.5	22.2	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	12.9	6.4	51.6	25.8	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	14.2	7.1	56.9	28.5	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	15.1	7.6	60.5	30.2	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	16	8	64.1	32	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	20.9	10.5	83.6	41.8	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	24.5	12.2	97.9	48.9	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	27.6	13.8	110.3	55.2	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	31.6	15.8	126.3	63.2	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	36.9	18.5	147.2	73.6	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	39.6	19.8	157.9	79	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	43.6	21.8	173.5	86.7	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	47.6	23.8	189.5	94.7	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

Calcium Silicate Anchor

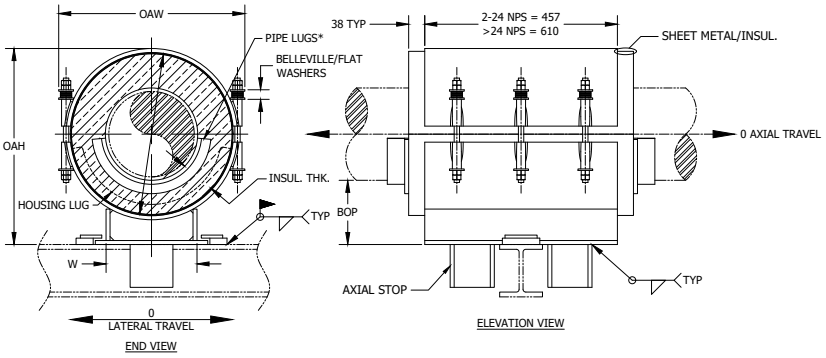
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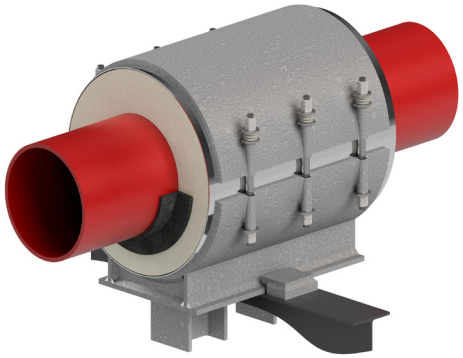
HA-4000; HA-4100; HA-4200; HA-4300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load	Axial Load
HACS -	8 x	75 -	150 -	460 -	8 -	3 -	13

Hot **A**nchor **C**alcium **S**ilicate





* - Pipe lugs to be compatible with process pipe material.

*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Pipe Size	L (mm)	Base Length
< 356 mm	305	457
≥ 356 mm	457	457

Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- Patented anchor system allows increased load carrying capability and decreased heat transfer
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Axial Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:

1) Dimensions in millimeters unless noted

2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							25 mm				40 mm				50 mm				65 mm				75 mm			
	VERT. (kN)	LAT. (kN)	AXI. (kN)	VERT. (kN)	LAT. (kN)	AXI. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
2"	1.6	0.6	3.2	7.3	2.6	10.9	102	111	165	203	102	141	191	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	2	0.7	4	8.8	3.1	13.3	102	124	178	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	2.4	0.8	6.2	10.8	3.8	16.1	102	139	191	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	3.7	1.3	7.7	13.8	4.8	20.7	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	5.7	2	10.7	20.3	7.1	30.5	102	219	279	305	102	249	305	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	7.6	2.6	13.4	26.5	9.3	39.7	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	8.9	3.1	16.5	33	11.6	49.5	102	324	381	419	102	354	419	432	102	374	445	445	152	404	470	508	152	424	495	521
12"	9.8	3.4	19.2	39.1	13.7	58.7	102	374	445	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.1	3.9	20.9	44.5	15.6	66.7	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	12.9	4.5	23.8	51.6	18.1	77.4	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	14.2	5	26.6	56.9	19.9	85.4	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	15.1	5.3	29.4	60.5	21.2	90.7	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	16	5.6	34.9	64.1	22.4	96.1	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	20.9	7.3	43.3	83.6	29.3	125.4	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	24.5	8.6	51.6	97.9	34.3	146.8	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	27.6	9.7	60.1	110.3	38.6	165.5	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	31.6	11.1	68.8	126.3	44.2	275	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	36.9	12.9	80.4	147.2	51.5	320.5	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	39.6	13.9	86.2	157.9	55.3	343.8	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	43.6	15.3	94.9	173.5	60.7	377.7	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	47.6	16.7	103.6	189.5	66.3	412.6	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Calcium Silicate Anchor

LEGACY DESIGNATION:
HA-4000; HA-4100; HA-4200; HA-4300

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load	Axial Load
HACS	- 8 x	75	- 150	- 460	- 8	- 3	- 13

Hot **A**nchor **C**alcium **S**ilicate

METRIC

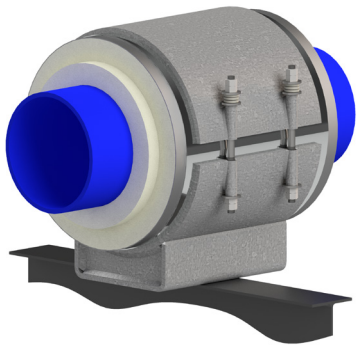
PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							90 mm				100 mm				115 mm				130 mm				140 mm			
	VERT. (kN)	LAT. (kN)	AXI. (kN)	VERT. (kN)	LAT. (kN)	AXI. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
2"	1.6	0.6	3.2	7.3	2.6	10.9	152	241	292	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	406	419
2-1/2"	2	0.7	4	8.8	3.1	13.3	152	254	318	343	152	274	343	356	152	304	368	368	203	334	406	432	203	354	432	445
3"	2.4	0.8	6.2	10.8	3.8	16.1	152	269	318	343	152	289	343	356	152	319	368	368	203	349	406	445	203	369	432	457
4"	3.7	1.3	7.7	13.8	4.8	20.7	152	295	343	368	152	315	368	381	152	345	406	406	203	375	432	470	203	395	457	483
6"	5.7	2	10.7	20.3	7.1	30.5	152	349	419	432	152	369	445	445	152	399	470	457	203	429	495	521	203	449	521	533
8"	7.6	2.6	13.4	26.5	9.3	39.7	152	400	470	483	152	420	495	495	203	450	521	559	203	480	546	572	203	500	572	584
10"	8.9	3.1	16.5	33	11.6	49.5	152	454	521	533	152	474	546	546	203	504	572	610	203	534	597	622	203	554	622	635
12"	9.8	3.4	19.2	39.1	13.7	58.7	152	504	572	584	152	524	597	597	203	554	622	660	203	584	648	673	203	604	673	686
14"	11.1	3.9	20.9	44.5	15.6	66.7	152	536	597	610	152	556	622	622	203	586	648	686	203	616	673	699	203	636	699	711
16"	12.9	4.5	23.8	51.6	18.1	77.4	152	587	648	660	203	607	673	724	203	637	699	737	203	667	724	749	203	687	749	762
18"	14.2	5	26.6	56.9	19.9	85.4	152	638	711	711	203	658	737	775	203	688	762	787	203	718	787	800	203	738	813	813
20"	15.1	5.3	29.4	60.5	21.2	90.7	152	688	762	762	203	708	787	826	203	738	813	838	203	768	838	851	203	788	864	864
24"	16	5.6	34.9	64.1	22.4	96.1	152	790	864	876	203	810	889	940	203	840	914	953	203	870	940	965	203	890	965	978
30"	20.9	7.3	43.3	83.6	29.3	125.4	203	942	1016	1080	203	962	1041	1092	203	992	1067	1105	203	1022	1092	1118	254	1042	1118	1181
36"	24.5	8.6	51.6	97.9	34.3	146.8	203	1095	1168	1232	203	1115	1194	1245	203	1145	1219	1257	203	1175	1245	1270	254	1195	1270	1334
42"	27.6	9.7	60.1	110.3	38.6	165.5	203	1247	1321	1384	203	1267	1346	1397	203	1297	1372	1410	203	1327	1397	1422	254	1347	1422	1486
48"	31.6	11.1	68.8	126.3	44.2	275	203	1400	1473	1537	203	1420	1499	1549	203	1450	1524	1562	203	1480	1549	1575	254	1500	1575	1638
56"	36.9	12.9	80.4	147.2	51.5	320.5	203	1603	1676	1740	203	1623	1702	1753	203	1653	1727	1765	203	1683	1753	1778	254	1703	1778	1842
60"	39.6	13.9	86.2	157.9	55.3	343.8	203	1704	1778	1842	203	1724	1803	1854	203	1754	1829	1867	203	1784	1854	1880	254	1804	1880	1943
66"	43.6	15.3	94.9	173.5	60.7	377.7	203	1857	1930	1969	203	1877	1956	1981	203	1907	1981	1994	203	1937	2007	2007	254	1957	2032	2070
72"	47.6	16.7	103.6	189.5	66.3	412.6	203	2009	2083	2146	203	2029	2108	2159	203	2059	2134	2172	203	2089	2159	2184	254	2109	2184	2248

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							150 mm				165 mm				180 mm				190 mm				200 mm			
	VERT. (kN)	LAT. (kN)	AXI. (kN)	VERT. (kN)	LAT. (kN)	AXI. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
2"	1.6	0.6	3.2	7.3	2.6	10.9	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	2	0.7	4	8.8	3.1	13.3	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	2.4	0.8	6.2	10.8	3.8	16.1	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	3.7	1.3	7.7	13.8	4.8	20.7	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	5.7	2	10.7	20.3	7.1	30.5	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	7.6	2.6	13.4	26.5	9.3	39.7	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	8.9	3.1	16.5	33	11.6	49.5	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	9.8	3.4	19.2	39.1	13.7	58.7	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.1	3.9	20.9	44.5	15.6	66.7	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	12.9	4.5	23.8	51.6	18.1	77.4	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	14.2	5	26.6	56.9	19.9	85.4	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	15.1	5.3	29.4	60.5	21.2	90.7	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	16	5.6	34.9	64.1	22.4	96.1	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	20.9	7.3	43.3	83.6	29.3	125.4	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	24.5	8.6	51.6	97.9	34.3	146.8	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	27.6	9.7	60.1	110.3	38.6	165.5	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	31.6	11.1	68.8	126.3	44.2	275	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	36.9	12.9	80.4	147.2	51.5	320.5	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	39.6	13.9	86.2	157.9	55.3	343.8	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	43.6	15.3	94.9	173.5	60.7	377.7	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	47.6	16.7	103.6	189.5	66.3	412.6	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

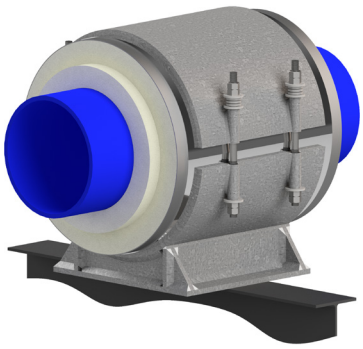
Sleeve Polyurethane Supports

METRIC

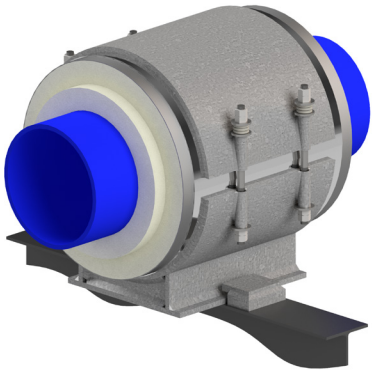
Polyurethane Sleeve Overview



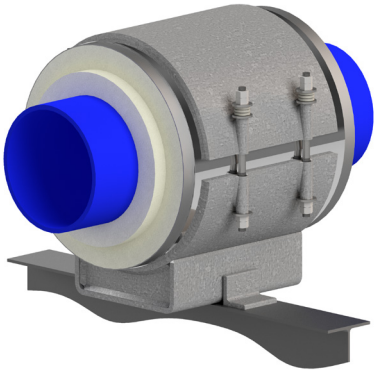
Polyurethane
Resting



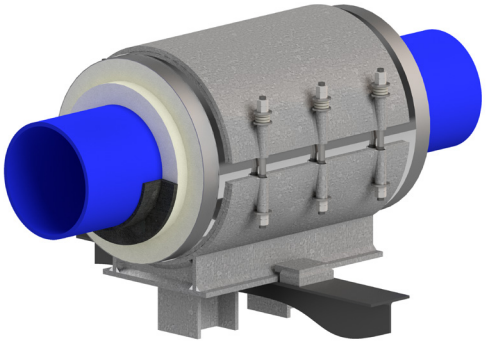
Polyurethane
High Lateral Travel



Polyurethane
Vertically Restrained Guided



Polyurethane
Guided



Polyurethane
Anchor

Polyurethane Resting

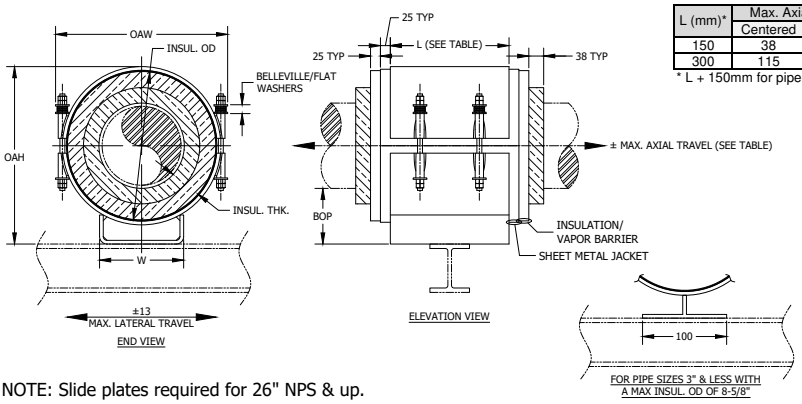
LEGACY DESIGNATION:
CS-1000; CS-1100;
CS-2000; CS-2100

METRIC

DESIGNATION EXAMPLE

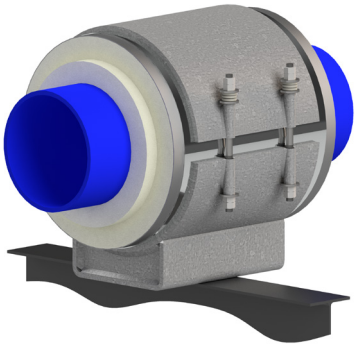
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
CSPF -	8 x	75 -	150 -	300 -	5

Cold **S**lide **P**olyurethane **F**oam



L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"



NOTE: Slide plates required for 26" NPS & up.

*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (±13 mm Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			25 mm				40 mm				50 mm				65 mm				75 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.4	102	72	114	165	102	102	152	178	102	122	178	191	102	152	216	216	152	172	241	279
3/4"	0.3	0.5	102	77	114	165	102	107	152	178	102	127	178	191	102	157	216	216	152	177	241	279
1"	0.4	0.6	102	84	140	178	102	114	165	191	102	134	191	203	102	164	216	216	152	184	241	279
1-1/2"	0.6	0.9	102	99	152	191	102	129	178	203	102	149	216	229	102	179	241	241	152	199	267	305
2"	0.8	1.2	102	111	165	203	102	141	191	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	1.2	1.7	102	124	178	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	1.4	2.1	102	139	191	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	1.8	2.7	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	2.6	6	102	219	279	305	102	249	305	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	4.9	10.7	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	5.8	13.8	102	324	381	419	102	354	419	432	102	374	445	445	152	404	470	508	152	424	495	521
12"	10.7	26.7	102	374	445	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.6	29.4	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	13.3	33.8	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	19.6	37.8	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	21.8	42.3	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	25.8	78.7	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	32.5	98.3	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	39.1	117.9	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	75.6	137.9	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	87.2	153.9	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	101.4	179.7	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	109	192.6	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	119.7	211.7	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	130.8	231.3	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Polyurethane Resting

LEGACY DESIGNATION:
CS-1000; CS-1100;
CS-2000; CS-2100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
CSPF -	8 x	75 -	150 -	300 -	5

Cold **S**lide **P**olyurethane **F**oam

METRIC

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			90 mm				100 mm				115 mm				130 mm				140 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.4	152	202	267	292	152	222	292	305	152	252	318	318	203	282	343	381	203	302	368	394
3/4"	0.3	0.5	152	207	267	292	152	227	292	305	152	257	318	318	203	287	343	381	203	307	368	394
1"	0.4	0.6	152	214	267	292	152	234	292	305	152	264	318	318	203	294	343	381	203	314	368	394
1-1/2"	0.6	0.9	152	229	292	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	406	419
2"	0.8	1.2	152	241	292	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	406	419
2-1/2"	1.2	1.7	152	254	318	343	152	274	343	356	152	304	368	368	203	334	406	432	203	354	432	445
3"	1.4	2.1	152	269	318	343	152	289	343	356	152	319	368	368	203	349	406	445	203	369	432	457
4"	1.8	2.7	152	295	343	368	152	315	368	381	152	345	406	406	203	375	432	470	203	395	457	483
6"	2.6	6	152	349	419	432	152	369	445	445	152	399	470	457	203	429	495	521	203	449	521	533
8"	4.9	10.7	152	400	470	483	152	420	495	495	203	450	521	559	203	480	546	572	203	500	572	584
10"	5.8	13.8	152	454	521	533	152	474	546	546	203	504	572	610	203	534	597	622	203	554	622	635
12"	10.7	26.7	152	504	572	584	152	524	597	597	203	554	622	660	203	584	648	673	203	604	673	686
14"	11.6	29.4	152	536	597	610	152	556	622	622	203	586	648	686	203	616	673	699	203	636	699	711
16"	13.3	33.8	152	587	648	660	203	607	673	724	203	637	699	737	203	667	724	749	203	687	749	762
18"	19.6	37.8	152	638	711	711	203	658	737	775	203	688	762	787	203	718	787	800	203	738	813	813
20"	21.8	42.3	152	688	762	762	203	708	787	826	203	738	813	838	203	768	838	851	203	788	864	864
24"	25.8	78.7	152	790	864	876	203	810	889	940	203	840	914	953	203	870	940	965	203	890	965	978
30"	32.5	98.3	203	942	1016	1080	203	962	1041	1092	203	992	1067	1105	203	1022	1092	1118	254	1042	1118	1181
36"	39.1	117.9	203	1095	1168	1232	203	1115	1194	1245	203	1145	1219	1257	203	1175	1245	1270	254	1195	1270	1334
42"	75.6	137.9	203	1247	1321	1384	203	1267	1346	1397	203	1297	1372	1410	203	1327	1397	1422	254	1347	1422	1486
48"	87.2	153.9	203	1400	1473	1537	203	1420	1499	1549	203	1450	1524	1562	203	1480	1549	1575	254	1500	1575	1638
56"	101.4	179.7	203	1603	1676	1740	203	1623	1702	1753	203	1653	1727	1765	203	1683	1753	1778	254	1703	1778	1842
60"	109	192.6	203	1704	1778	1842	203	1724	1803	1854	203	1754	1829	1867	203	1784	1854	1880	254	1804	1880	1943
66"	119.7	211.7	203	1857	1930	1969	203	1877	1956	1981	203	1907	1981	1994	203	1937	2007	2007	254	1957	2032	2070
72"	130.8	231.3	203	2009	2083	2146	203	2029	2108	2159	203	2059	2134	2172	203	2089	2159	2184	254	2109	2184	2248

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			150 mm				165 mm				180 mm				190 mm				200 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.4	203	322	406	406	203	352	432	419	254	382	457	483	254	402	483	495	254	422	508	508
3/4"	0.3	0.5	203	327	406	406	203	357	432	419	254	387	457	483	254	407	483	495	254	427	508	508
1"	0.4	0.6	203	334	406	406	203	364	432	419	254	394	457	483	254	414	483	495	254	434	508	508
1-1/2"	0.6	0.9	203	349	432	432	203	379	457	445	254	409	483	508	254	429	508	521	254	449	533	533
2"	0.8	1.2	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	1.2	1.7	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	1.4	2.1	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	1.8	2.7	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	2.6	6	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	4.9	10.7	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	5.8	13.8	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	10.7	26.7	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.6	29.4	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	13.3	33.8	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	19.6	37.8	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	21.8	42.3	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	25.8	78.7	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	32.5	98.3	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	39.1	117.9	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	75.6	137.9	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	87.2	153.9	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	101.4	179.7	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	109	192.6	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	119.7	211.7	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	130.8	231.3	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

METRIC

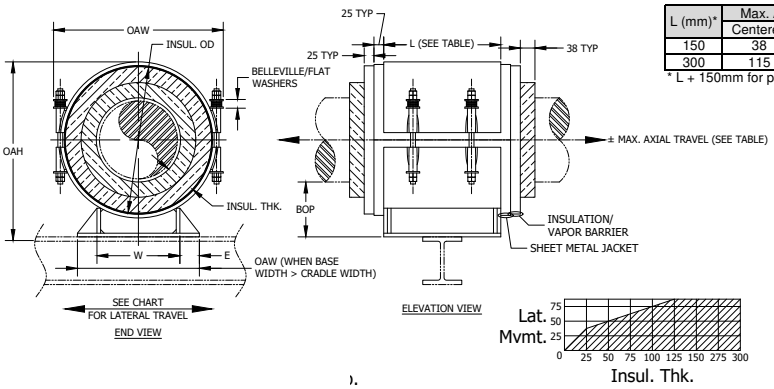
Polyurethane High Lateral Travel

LEGACY DESIGNATION:
CS-5000; CS-5100;
CS-6000; CS-6100

DESIGNATION EXAMPLE

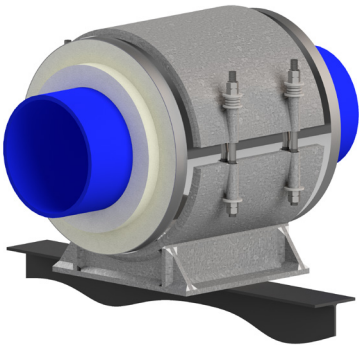
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
CS(H)PF -	8 x	75 -	150 -	300 -	5

Cold **S**lide (**H**igh Lateral Travel) **P**olyurethane **F**oam



L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"



*W - Dimension is calculated by multiplying (INSULATION OD*0.55).

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral (See Chart) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			25 mm				40 mm				50 mm				65 mm				75 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.4	102	72	165	165	102	102	165	178	102	122	216	191	102	152	216	216	152	172	267	279
3/4"	0.3	0.5	102	77	165	165	102	107	165	178	102	127	216	191	102	157	216	216	152	177	267	279
1"	0.4	0.6	102	84	165	178	102	114	165	191	102	134	216	203	102	164	216	216	152	184	267	279
1-1/2"	0.6	0.9	102	99	165	191	102	129	178	203	102	149	216	229	102	179	241	241	152	199	267	305
2"	0.8	1.2	102	111	165	203	102	141	191	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	1.2	1.7	102	124	178	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	1.4	2.1	102	139	191	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	1.8	2.7	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	2.6	6	102	219	279	305	102	249	305	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	4.9	10.7	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	5.8	13.8	102	324	381	419	102	354	419	432	102	374	445	445	152	404	470	508	152	424	495	521
12"	10.7	26.7	102	374	445	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.6	29.4	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	13.3	33.8	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	19.6	37.8	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	21.8	42.3	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	25.8	78.7	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	32.5	98.3	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	39.1	117.9	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	75.6	137.9	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	87.2	153.9	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	101.4	179.7	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	109	192.6	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	119.7	211.7	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	130.8	231.3	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Polyurethane High Lateral Travel

LEGACY DESIGNATION:
CS-5000; CS-5100;
CS-6000; CS-6100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load
CS(H)PF -	8 x	75 -	150 -	300 -	5

Cold **S**lide (**H**igh Lateral Travel) **P**olyurethane **F**oam

METRIC

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			90 mm				100 mm				115 mm				130 mm				140 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.4	152	202	267	292	152	222	318	305	152	252	318	318	203	282	343	381	203	302	368	394
3/4"	0.3	0.5	152	207	267	292	152	227	318	305	152	257	318	318	203	287	343	381	203	307	368	394
1"	0.4	0.6	152	214	267	292	152	234	318	305	152	264	318	318	203	294	343	381	203	314	368	394
1-1/2"	0.6	0.9	152	229	292	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	406	419
2"	0.8	1.2	152	241	292	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	406	419
2-1/2"	1.2	1.7	152	254	318	343	152	274	343	356	152	304	368	368	203	334	406	432	203	354	432	445
3"	1.4	2.1	152	269	318	343	152	289	343	356	152	319	368	368	203	349	406	445	203	369	432	457
4"	1.8	2.7	152	295	343	368	152	315	368	381	152	345	406	406	203	375	432	470	203	395	457	483
6"	2.6	6	152	349	419	432	152	369	445	445	152	399	470	457	203	429	495	521	203	449	521	533
8"	4.9	10.7	152	400	470	483	152	420	495	495	203	450	521	559	203	480	546	572	203	500	572	584
10"	5.8	13.8	152	454	521	533	152	474	546	546	203	504	572	610	203	534	597	622	203	554	622	635
12"	10.7	26.7	152	504	572	584	152	524	597	597	203	554	622	660	203	584	648	673	203	604	673	686
14"	11.6	29.4	152	536	597	610	152	556	622	622	203	586	648	686	203	616	673	699	203	636	699	711
16"	13.3	33.8	152	587	648	660	203	607	673	724	203	637	699	737	203	667	724	749	203	687	749	762
18"	19.6	37.8	152	638	711	711	203	658	737	775	203	688	762	787	203	718	787	800	203	738	813	813
20"	21.8	42.3	152	688	762	762	203	708	787	826	203	738	813	838	203	768	838	851	203	788	864	864
24"	25.8	78.7	152	790	864	876	203	810	889	940	203	840	914	953	203	870	940	965	203	890	965	978
30"	32.5	98.3	203	942	1016	1080	203	962	1041	1092	203	992	1067	1105	203	1022	1092	1118	254	1042	1118	1181
36"	39.1	117.9	203	1095	1168	1232	203	1115	1194	1245	203	1145	1219	1257	203	1175	1245	1270	254	1195	1270	1334
42"	75.6	137.9	203	1247	1321	1384	203	1267	1346	1397	203	1297	1372	1410	203	1327	1397	1422	254	1347	1422	1486
48"	87.2	153.9	203	1400	1473	1537	203	1420	1499	1549	203	1450	1524	1562	203	1480	1549	1575	254	1500	1575	1638
56"	101.4	179.7	203	1603	1676	1740	203	1623	1702	1753	203	1653	1727	1765	203	1683	1753	1778	254	1703	1778	1842
60"	109	192.6	203	1704	1778	1842	203	1724	1803	1854	203	1754	1829	1867	203	1784	1854	1880	254	1804	1880	1943
66"	119.7	211.7	203	1857	1930	1969	203	1877	1956	1981	203	1907	1981	1994	203	1937	2007	2007	254	1957	2032	2070
72"	130.8	231.3	203	2009	2083	2146	203	2029	2108	2159	203	2059	2134	2172	203	2089	2159	2184	254	2109	2184	2248

PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			150 mm				165 mm				180 mm				190 mm				200 mm			
			BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.4	203	322	406	406	203	352	432	419	254	382	457	483	254	402	483	495	254	422	508	508
3/4"	0.3	0.5	203	327	406	406	203	357	432	419	254	387	457	483	254	407	483	495	254	427	508	508
1"	0.4	0.6	203	334	406	406	203	364	432	419	254	394	457	483	254	414	483	495	254	434	508	508
1-1/2"	0.6	0.9	203	349	432	432	203	379	457	445	254	409	483	508	254	429	508	521	254	449	533	533
2"	0.8	1.2	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	1.2	1.7	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	1.4	2.1	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	1.8	2.7	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	2.6	6	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	4.9	10.7	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	5.8	13.8	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	10.7	26.7	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.6	29.4	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	13.3	33.8	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	19.6	37.8	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	21.8	42.3	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	25.8	78.7	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	32.5	98.3	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	39.1	117.9	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	75.6	137.9	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	87.2	153.9	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	101.4	179.7	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	109	192.6	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	119.7	211.7	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	130.8	231.3	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

METRIC

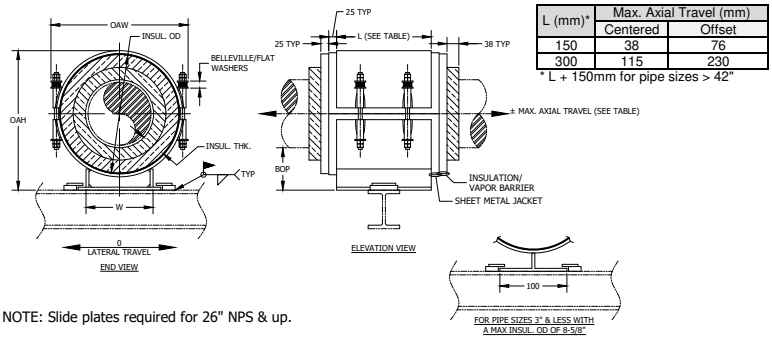
Polyurethane Vertically Restrained Guided

LEGACY DESIGNATION:
CG-3000; CG-3100;
CG-4000; CG-4100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
CGPF -	8 x	75 -	150 -	300 -	5 -	2

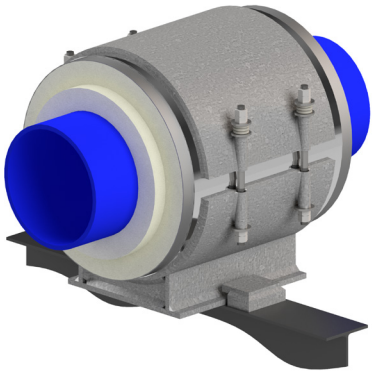
Cold **G**uide **P**olyurethane **F**oam



L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"

NOTE: Slide plates required for 26" NPS & up.



*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±3 mm Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					25 mm				40 mm				50 mm				65 mm				75 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.1	0.4	0.2	102	72	152	165	102	102	152	178	102	122	178	191	102	152	216	216	152	172	241	279
3/4"	0.3	0.2	0.5	0.2	102	77	152	165	102	107	152	178	102	127	178	191	102	157	216	216	152	177	241	279
1"	0.4	0.2	0.6	0.3	102	84	152	178	102	114	165	191	102	134	191	203	102	164	216	216	152	184	241	279
1-1/2"	0.6	0.3	0.9	0.5	102	99	152	191	102	129	178	203	102	149	216	229	102	179	241	241	152	199	267	305
2"	0.8	0.4	1.2	0.6	102	111	165	203	102	141	191	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	1.2	0.6	1.7	0.9	102	124	178	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	1.4	0.7	2.1	1	102	139	191	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	1.8	0.9	2.7	1.4	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	2.6	1.3	6	3	102	219	279	305	102	249	305	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	4.9	2.4	10.7	5.3	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	5.8	2.9	13.8	6.9	102	324	381	419	102	354	419	432	102	374	445	445	152	404	470	508	152	424	495	521
12"	10.7	5.3	26.7	13.3	102	374	445	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.6	5.8	29.4	14.7	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	13.3	6.7	33.8	16.9	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	19.6	9.8	37.8	18.9	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	21.8	10.9	42.3	21.1	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	25.8	12.9	78.7	39.4	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	32.5	16.2	98.3	49.2	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	39.1	19.6	117.9	58.9	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	75.6	37.8	137.9	68.9	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	87.2	43.6	153.9	77	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	101.4	50.7	179.7	89.9	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	109	54.5	192.6	96.3	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	119.7	59.8	211.7	105.9	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	130.8	65.4	231.3	115.7	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Polyurethane Vertically Restrained Guided

LEGACY DESIGNATION:
CG-3000; CG-3100;
CG-4000; CG-4100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
CGPF -	8 x	75 -	150 -	300 -	5 -	2

Cold **G**uide **P**olyurethane **F**oam

METRIC

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					90 mm				100 mm				115 mm				130 mm				140 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.1	0.4	0.2	152	202	267	292	152	222	292	305	152	252	318	318	203	282	343	381	203	302	368	394
3/4"	0.3	0.2	0.5	0.2	152	207	267	292	152	227	292	305	152	257	318	318	203	287	343	381	203	307	368	394
1"	0.4	0.2	0.6	0.3	152	214	267	292	152	234	292	305	152	264	318	318	203	294	343	381	203	314	368	394
1-1/2"	0.6	0.3	0.9	0.5	152	229	292	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	406	419
2"	0.8	0.4	1.2	0.6	152	241	292	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	406	419
2-1/2"	1.2	0.6	1.7	0.9	152	254	318	343	152	274	343	356	152	304	368	368	203	334	406	432	203	354	432	445
3"	1.4	0.7	2.1	1	152	269	318	343	152	289	343	356	152	319	368	368	203	349	406	445	203	369	432	457
4"	1.8	0.9	2.7	1.4	152	295	343	368	152	315	368	381	152	345	406	406	203	375	432	470	203	395	457	483
6"	2.6	1.3	6	3	152	349	419	432	152	369	445	445	152	399	470	457	203	429	495	521	203	449	521	533
8"	4.9	2.4	10.7	5.3	152	400	470	483	152	420	495	495	203	450	521	559	203	480	546	572	203	500	572	584
10"	5.8	2.9	13.8	6.9	152	454	521	533	152	474	546	546	203	504	572	610	203	534	597	622	203	554	622	635
12"	10.7	5.3	26.7	13.3	152	504	572	584	152	524	597	597	203	554	622	660	203	584	648	673	203	604	673	686
14"	11.6	5.8	29.4	14.7	152	536	597	610	152	556	622	622	203	586	648	686	203	616	673	699	203	636	699	711
16"	13.3	6.7	33.8	16.9	152	587	648	660	203	607	673	724	203	637	699	737	203	667	724	749	203	687	749	762
18"	19.6	9.8	37.8	18.9	152	638	711	711	203	658	737	775	203	688	762	787	203	718	787	800	203	738	813	813
20"	21.8	10.9	42.3	21.1	152	688	762	762	203	708	787	826	203	738	813	838	203	768	838	851	203	788	864	864
24"	25.8	12.9	78.7	39.4	152	790	864	876	203	810	889	940	203	840	914	953	203	870	940	965	203	890	965	978
30"	32.5	16.2	98.3	49.2	203	942	1016	1080	203	962	1041	1092	203	992	1067	1105	203	1022	1092	1118	254	1042	1118	1181
36"	39.1	19.6	117.9	58.9	203	1095	1168	1232	203	1115	1194	1245	203	1145	1219	1257	203	1175	1245	1270	254	1195	1270	1334
42"	75.6	37.8	137.9	68.9	203	1247	1321	1384	203	1267	1346	1397	203	1297	1372	1410	203	1327	1397	1422	254	1347	1422	1486
48"	87.2	43.6	153.9	77	203	1400	1473	1537	203	1420	1499	1549	203	1450	1524	1562	203	1480	1549	1575	254	1500	1575	1638
56"	101.4	50.7	179.7	89.9	203	1603	1676	1740	203	1623	1702	1753	203	1653	1727	1765	203	1683	1753	1778	254	1703	1778	1842
60"	109	54.5	192.6	96.3	203	1704	1778	1842	203	1724	1803	1854	203	1754	1829	1867	203	1784	1854	1880	254	1804	1880	1943
66"	119.7	59.8	211.7	105.9	203	1857	1930	1969	203	1877	1956	1981	203	1907	1981	1994	203	1937	2007	2007	254	1957	2032	2070
72"	130.8	65.4	231.3	115.7	203	2009	2083	2146	203	2029	2108	2159	203	2059	2134	2172	203	2089	2159	2184	254	2109	2184	2248

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					150 mm				165 mm				180 mm				190 mm				200 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.1	0.4	0.2	203	322	406	406	203	352	432	419	254	382	457	483	254	402	483	495	254	422	508	508
3/4"	0.3	0.2	0.5	0.2	203	327	406	406	203	357	432	419	254	387	457	483	254	407	483	495	254	427	508	508
1"	0.4	0.2	0.6	0.3	203	334	406	406	203	364	432	419	254	394	457	483	254	414	483	495	254	434	508	508
1-1/2"	0.6	0.3	0.9	0.5	203	349	432	432	203	379	457	445	254	409	483	508	254	429	508	521	254	449	533	533
2"	0.8	0.4	1.2	0.6	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	1.2	0.6	1.7	0.9	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	1.4	0.7	2.1	1	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	1.8	0.9	2.7	1.4	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	2.6	1.3	6	3	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	4.9	2.4	10.7	5.3	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	5.8	2.9	13.8	6.9	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	10.7	5.3	26.7	13.3	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.6	5.8	29.4	14.7	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	13.3	6.7	33.8	16.9	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	19.6	9.8	37.8	18.9	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	21.8	10.9	42.3	21.1	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	25.8	12.9	78.7	39.4	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	32.5	16.2	98.3	49.2	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	39.1	19.6	117.9	58.9	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	75.6	37.8	137.9	68.9	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	87.2	43.6	153.9	77	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	101.4	50.7	179.7	89.9	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	109	54.5	192.6	96.3	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	119.7	59.8	211.7	105.9	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	130.8	65.4	231.3	115.7	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

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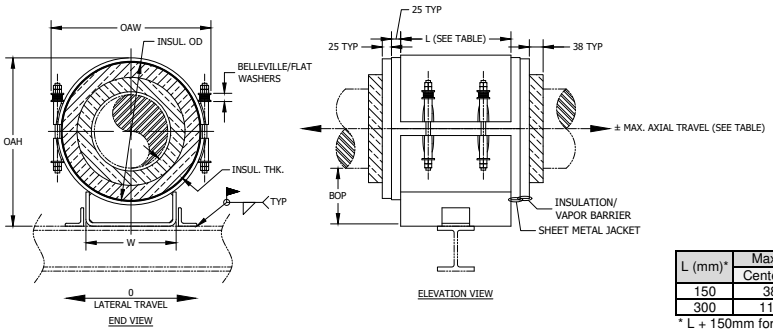
LEGACY DESIGNATION:
CG-7000; CG-7100;
CG-8000; CG-8100

METRIC

DESIGNATION EXAMPLE

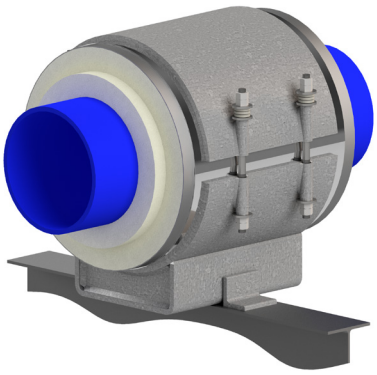
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
CG(L)PF -	8 x	760 -	100 -	300 -	19 -	10

Cold **G**uide (**L**aterally Restrained) **P**olyurethane **F**oam



L (mm)*	Max. Axial Travel (mm)	
	Centered	Offset
150	38	76
300	115	230

* L + 150mm for pipe sizes > 42"



NOTE: Slide plates required for 26" NPS & up.

*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel on sizes 26" and larger
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Lateral (±3 mm Standard) & Axial (See Table) Travel

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	**LOW** LOAD OPTION		**HIGH** LOAD OPTION		**INSULATION THICKNESS**																			
					25 mm				40 mm				50 mm				65 mm				75 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.1	0.4	0.2	-	-	-	-	102	102	178	178	102	122	191	191	102	152	216	216	152	172	241	279
3/4"	0.3	0.2	0.5	0.2	-	-	-	-	102	107	178	178	102	127	191	191	102	157	216	216	152	177	241	279
1"	0.4	0.2	0.6	0.3	-	-	-	-	102	114	178	191	102	134	203	203	102	164	216	216	152	184	241	279
1-1/2"	0.6	0.3	0.9	0.5	102	99	178	191	102	129	191	203	102	149	216	229	102	179	241	241	152	199	267	305
2"	0.8	0.4	1.2	0.6	102	111	178	203	102	141	203	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	1.2	0.6	1.7	0.9	102	124	191	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	1.4	0.7	2.1	1	102	139	203	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	1.8	0.9	2.7	1.4	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	2.6	1.3	6	3	102	219	305	305	102	249	318	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	4.9	2.4	10.7	5.3	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	5.8	2.9	13.8	6.9	102	324	419	419	102	354	445	432	102	374	457	445	152	404	470	508	152	424	495	521
12"	10.7	5.3	26.7	13.3	102	374	457	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.6	5.8	29.4	14.7	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	13.3	6.7	33.8	16.9	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	19.6	9.8	37.8	18.9	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	21.8	10.9	42.3	21.1	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	25.8	12.9	78.7	39.4	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	32.5	16.2	98.3	49.2	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	39.1	19.6	117.9	58.9	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	75.6	37.8	137.9	68.9	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	87.2	43.6	153.9	77	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	101.4	50.7	179.7	89.9	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	109	54.5	192.6	96.3	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	119.7	59.8	211.7	105.9	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	130.8	65.4	231.3	115.7	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Polyurethane Guided

LEGACY DESIGNATION:
CG-7000; CG-7100;
CG-8000; CG-8100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load
CG(L)PF -	8 x	760 -	100 -	300 -	19 -	10

Cold **G**uide (**L**aterally Restrained) **P**olyurethane **F**oam

METRIC

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					90 mm				100 mm				115 mm				130 mm				140 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.1	0.4	0.2	152	202	267	292	152	222	292	305	152	252	318	318	203	282	343	381	203	302	368	394
3/4"	0.3	0.2	0.5	0.2	152	207	267	292	152	227	292	305	152	257	318	318	203	287	343	381	203	307	368	394
1"	0.4	0.2	0.6	0.3	152	214	267	292	152	234	292	305	152	264	318	318	203	294	343	381	203	314	368	394
1-1/2"	0.6	0.3	0.9	0.5	152	229	292	318	152	249	318	330	152	279	343	343	203	309	368	406	203	329	406	419
2"	0.8	0.4	1.2	0.6	152	241	292	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	406	419
2-1/2"	1.2	0.6	1.7	0.9	152	254	318	343	152	274	343	356	152	304	368	368	203	334	406	432	203	354	432	445
3"	1.4	0.7	2.1	1	152	269	318	343	152	289	343	356	152	319	368	368	203	349	406	445	203	369	432	457
4"	1.8	0.9	2.7	1.4	152	295	343	368	152	315	368	381	152	345	406	406	203	375	432	470	203	395	457	483
6"	2.6	1.3	6	3	152	349	419	432	152	369	445	445	152	399	470	457	203	429	495	521	203	449	521	533
8"	4.9	2.4	10.7	5.3	152	400	470	483	152	420	495	495	203	450	521	559	203	480	546	572	203	500	572	584
10"	5.8	2.9	13.8	6.9	152	454	521	533	152	474	546	546	203	504	572	610	203	534	597	622	203	554	622	635
12"	10.7	5.3	26.7	13.3	152	504	572	584	152	524	597	597	203	554	622	660	203	584	648	673	203	604	673	686
14"	11.6	5.8	29.4	14.7	152	536	597	610	152	556	622	622	203	586	648	686	203	616	673	699	203	636	699	711
16"	13.3	6.7	33.8	16.9	152	587	648	660	203	607	673	724	203	637	699	737	203	667	724	749	203	687	749	762
18"	19.6	9.8	37.8	18.9	152	638	711	711	203	658	737	775	203	688	762	787	203	718	787	800	203	738	813	813
20"	21.8	10.9	42.3	21.1	152	688	762	762	203	708	787	826	203	738	813	838	203	768	838	851	203	788	864	864
24"	25.8	12.9	78.7	39.4	152	790	864	876	203	810	889	940	203	840	914	953	203	870	940	965	203	890	965	978
30"	32.5	16.2	98.3	49.2	203	942	1016	1080	203	962	1041	1092	203	992	1067	1105	203	1022	1092	1118	254	1042	1118	1181
36"	39.1	19.6	117.9	58.9	203	1095	1168	1232	203	1115	1194	1245	203	1145	1219	1257	203	1175	1245	1270	254	1195	1270	1334
42"	75.6	37.8	137.9	68.9	203	1247	1321	1384	203	1267	1346	1397	203	1297	1372	1410	203	1327	1397	1422	254	1347	1422	1486
48"	87.2	43.6	153.9	77	203	1400	1473	1537	203	1420	1499	1549	203	1450	1524	1562	203	1480	1549	1575	254	1500	1575	1638
56"	101.4	50.7	179.7	89.9	203	1603	1676	1740	203	1623	1702	1753	203	1653	1727	1765	203	1683	1753	1778	254	1703	1778	1842
60"	109	54.5	192.6	96.3	203	1704	1778	1842	203	1724	1803	1854	203	1754	1829	1867	203	1784	1854	1880	254	1804	1880	1943
66"	119.7	59.8	211.7	105.9	203	1857	1930	1969	203	1877	1956	1981	203	1907	1981	1994	203	1937	2007	2007	254	1957	2032	2070
72"	130.8	65.4	231.3	115.7	203	2009	2083	2146	203	2029	2108	2159	203	2059	2134	2172	203	2089	2159	2184	254	2109	2184	2248

PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
					150 mm				165 mm				180 mm				190 mm				200 mm			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
1/2"	0.3	0.1	0.4	0.2	203	322	406	406	203	352	432	419	254	382	457	483	254	402	483	495	254	422	508	508
3/4"	0.3	0.2	0.5	0.2	203	327	406	406	203	357	432	419	254	387	457	483	254	407	483	495	254	427	508	508
1"	0.4	0.2	0.6	0.3	203	334	406	406	203	364	432	419	254	394	457	483	254	414	483	495	254	434	508	508
1-1/2"	0.6	0.3	0.9	0.5	203	349	432	432	203	379	457	445	254	409	483	508	254	429	508	521	254	449	533	533
2"	0.8	0.4	1.2	0.6	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	1.2	0.6	1.7	0.9	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	1.4	0.7	2.1	1	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	1.8	0.9	2.7	1.4	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	2.6	1.3	6	3	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	4.9	2.4	10.7	5.3	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	5.8	2.9	13.8	6.9	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	10.7	5.3	26.7	13.3	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.6	5.8	29.4	14.7	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	13.3	6.7	33.8	16.9	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	19.6	9.8	37.8	18.9	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	21.8	10.9	42.3	21.1	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	25.8	12.9	78.7	39.4	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	32.5	16.2	98.3	49.2	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	39.1	19.6	117.9	58.9	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	75.6	37.8	137.9	68.9	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	87.2	43.6	153.9	77	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	101.4	50.7	179.7	89.9	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	109	54.5	192.6	96.3	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	119.7	59.8	211.7	105.9	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	130.8	65.4	231.3	115.7	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

Polyurethane Anchor

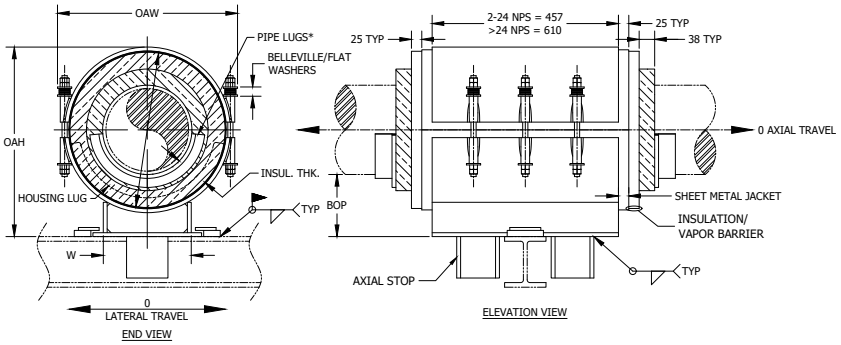
DESIGNATION EXAMPLE

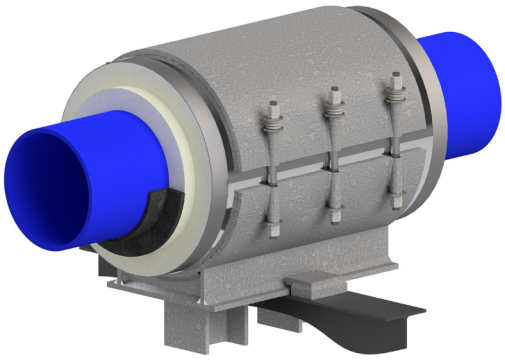
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load	Axial Load
CAPF -	8 x	75 -	150 -	300 -	11 -	5 -	8

LEGACY DESIGNATION:
CA-4000; CA-4100

Cold **A**nchor **P**olyurethane **F**oam

METRIC





* - Pipe anchor box to be compatible with process pipe material.

*W - Dimension is calculated by multiplying (INSULATION OD*0.65).

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

Pipe Size	L (mm)	Base Length
< 356 mm	305	457
≥ 356 mm	457	457

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)
- Lateral Load (As Shown in Tables or Custom)
- Axial Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							25 mm				40 mm				50 mm				65 mm				75 mm			
	VERT. (kN)	LAT. (kN)	AXI. (kN)	VERT. (kN)	LAT. (kN)	AXI. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
2"	0.8	0.4	0.7	1.2	0.6	2.4	102	111	165	203	102	141	191	216	102	161	216	229	102	191	241	241	152	211	267	305
2-1/2"	1.2	0.6	0.8	1.7	0.9	3.4	102	124	178	216	102	154	216	241	102	174	241	254	102	204	267	267	152	224	292	330
3"	1.4	0.7	0.9	2.1	1	2.9	102	139	191	229	102	169	216	241	102	189	241	254	102	219	267	267	152	239	292	330
4"	1.8	0.9	1.1	2.7	1.4	3.4	102	165	216	254	102	195	241	267	102	215	267	279	102	245	292	292	152	265	318	356
6"	2.6	1.3	1.2	6	3	6.7	102	219	279	305	102	249	305	318	102	269	330	343	102	299	356	356	152	319	381	419
8"	4.9	2.4	2	10.7	5.3	8.3	102	270	330	368	102	300	356	381	102	320	381	394	152	350	419	457	152	370	445	470
10"	5.8	2.9	2.8	13.8	6.9	10.5	102	324	381	419	102	354	419	432	102	374	445	445	152	404	470	508	152	424	495	521
12"	10.7	5.3	4.9	26.7	13.3	20.3	102	374	445	470	102	404	470	483	102	424	495	495	152	454	521	559	152	474	546	572
14"	11.6	5.8	5.3	29.4	14.7	21.1	102	406	470	495	102	436	495	508	102	456	521	521	152	486	546	584	152	506	572	597
16"	13.3	6.7	6.1	33.8	16.9	21.8	102	457	521	546	102	487	546	559	152	507	572	622	152	537	597	635	152	557	622	648
18"	19.6	9.8	8	37.8	18.9	24.3	102	508	584	597	102	538	610	610	152	558	635	673	152	588	660	686	152	608	686	699
20"	21.8	10.9	8.8	42.3	21.1	26.7	102	558	635	648	102	588	660	660	152	608	686	724	152	638	711	737	152	658	737	749
24"	25.8	12.9	10.5	78.7	39.4	57.4	102	660	737	762	102	690	762	775	152	710	787	838	152	740	813	851	152	760	838	864
30"	32.5	16.2	12.9	98.3	49.2	70.7	102	812	889	914	152	842	914	978	152	862	940	991	152	892	965	1003	152	912	991	1016
36"	39.1	19.6	15.4	117.9	58.9	83.9	102	965	1041	1067	152	995	1067	1130	152	1015	1092	1143	152	1045	1118	1156	152	1065	1143	1168
42"	75.6	37.8	29.7	137.9	68.9	97.1	102	1117	1194	1219	152	1147	1219	1283	152	1167	1245	1295	152	1197	1270	1308	152	1217	1295	1321
48"	87.2	43.6	36.3	153.9	77	101	102	1270	1346	1372	152	1300	1372	1435	152	1320	1397	1448	152	1350	1422	1461	152	1370	1448	1473
56"	101.4	50.7	42.1	179.7	89.9	112.9	102	1473	1549	1575	152	1503	1575	1638	152	1523	1600	1651	152	1553	1626	1664	152	1573	1651	1676
60"	109	54.5	45	192.6	96.3	116.4	102	1574	1651	1676	152	1604	1676	1740	152	1624	1702	1753	152	1654	1727	1765	152	1674	1753	1778
66"	119.7	59.8	49.4	211.7	105.9	118.4	102	1727	1803	1803	152	1757	1829	1867	152	1777	1854	1880	152	1807	1880	1892	152	1827	1905	1905
72"	130.8	65.4	53.8	231.3	115.7	118.8	102	1879	1956	1981	152	1909	1981	2045	152	1929	2007	2057	152	1959	2032	2070	152	1979	2057	2083

Polyurethane Anchor

LEGACY DESIGNATION:
CA-4000; CA-4100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)	Support Length	Vertical Load	Lateral Load	Axial Load
CAPF -	8 x	75 -	150 -	300 -	11 -	5 -	8

Cold **A**nchor **P**olyurethane **F**oam

METRIC

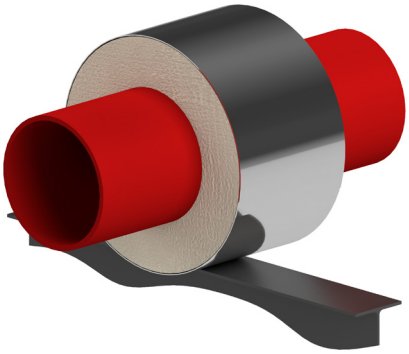
PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							90 mm				100 mm				115 mm				130 mm				140 mm			
	VERT. (kN)	LAT. (kN)	AXI. (kN)	VERT. (kN)	LAT. (kN)	AXI. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
2"	0.8	0.4	0.7	1.2	0.6	2.4	152	241	292	318	152	261	318	330	152	291	343	343	203	321	368	406	203	341	406	419
2-1/2"	1.2	0.6	0.8	1.7	0.9	3.4	152	254	318	343	152	274	343	356	152	304	368	368	203	334	406	432	203	354	432	445
3"	1.4	0.7	0.9	2.1	1	2.9	152	269	318	343	152	289	343	356	152	319	368	368	203	349	406	445	203	369	432	457
4"	1.8	0.9	1.1	2.7	1.4	3.4	152	295	343	368	152	315	368	381	152	345	406	406	203	375	432	470	203	395	457	483
6"	2.6	1.3	1.2	6	3	6.7	152	349	419	432	152	369	445	445	152	399	470	457	203	429	495	521	203	449	521	533
8"	4.9	2.4	2	10.7	5.3	8.3	152	400	470	483	152	420	495	495	203	450	521	559	203	480	546	572	203	500	572	584
10"	5.8	2.9	2.8	13.8	6.9	10.5	152	454	521	533	152	474	546	546	203	504	572	610	203	534	597	622	203	554	622	635
12"	10.7	5.3	4.9	26.7	13.3	20.3	152	504	572	584	152	524	597	597	203	554	622	660	203	584	648	673	203	604	673	686
14"	11.6	5.8	5.3	29.4	14.7	21.1	152	536	597	610	152	556	622	622	203	586	648	686	203	616	673	699	203	636	699	711
16"	13.3	6.7	6.1	33.8	16.9	21.8	152	587	648	660	203	607	673	724	203	637	699	737	203	667	724	749	203	687	749	762
18"	19.6	9.8	8	37.8	18.9	24.3	152	638	711	711	203	658	737	775	203	688	762	787	203	718	787	800	203	738	813	813
20"	21.8	10.9	8.8	42.3	21.1	26.7	152	688	762	762	203	708	787	826	203	738	813	838	203	768	838	851	203	788	864	864
24"	25.8	12.9	10.5	78.7	39.4	57.4	152	790	864	876	203	810	889	940	203	840	914	953	203	870	940	965	203	890	965	978
30"	32.5	16.2	12.9	98.3	49.2	70.7	203	942	1016	1080	203	962	1041	1092	203	992	1067	1105	203	1022	1092	1118	254	1042	1118	1181
36"	39.1	19.6	15.4	117.9	58.9	83.9	203	1095	1168	1232	203	1115	1194	1245	203	1145	1219	1257	203	1175	1245	1270	254	1195	1270	1334
42"	75.6	37.8	29.7	137.9	68.9	97.1	203	1247	1321	1384	203	1267	1346	1397	203	1297	1372	1410	203	1327	1397	1422	254	1347	1422	1486
48"	87.2	43.6	36.3	153.9	77	101	203	1400	1473	1537	203	1420	1499	1549	203	1450	1524	1562	203	1480	1549	1575	254	1500	1575	1638
56"	101.4	50.7	42.1	179.7	89.9	112.9	203	1603	1676	1740	203	1623	1702	1753	203	1653	1727	1765	203	1683	1753	1778	254	1703	1778	1842
60"	109	54.5	45	192.6	96.3	116.4	203	1704	1778	1842	203	1724	1803	1854	203	1754	1829	1867	203	1784	1854	1880	254	1804	1880	1943
66"	119.7	59.8	49.4	211.7	105.9	118.4	203	1857	1930	1969	203	1877	1956	1981	203	1907	1981	1994	203	1937	2007	2007	254	1957	2032	2070
72"	130.8	65.4	53.8	231.3	115.7	118.8	203	2009	2083	2146	203	2029	2108	2159	203	2059	2134	2172	203	2089	2159	2184	254	2109	2184	2248

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																			
							150 mm				165 mm				180 mm				190 mm				200 mm			
	VERT. (kN)	LAT. (kN)	AXI. (kN)	VERT. (kN)	LAT. (kN)	AXI. (kN)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)	BOP (mm)	INSUL. OD (mm)	OAW (mm)	OAH (mm)
2"	0.8	0.4	0.7	1.2	0.6	2.4	203	361	432	432	203	391	457	445	254	421	483	508	254	441	508	521	254	461	533	533
2-1/2"	1.2	0.6	0.8	1.7	0.9	3.4	203	374	457	457	203	404	483	470	254	434	508	533	254	454	533	546	254	474	559	559
3"	1.4	0.7	0.9	2.1	1	2.9	203	389	457	470	203	419	483	483	254	449	508	546	254	469	533	559	254	489	559	572
4"	1.8	0.9	1.1	2.7	1.4	3.4	203	415	483	495	203	445	508	508	254	475	533	572	254	495	559	584	254	515	584	597
6"	2.6	1.3	1.2	6	3	6.7	203	469	546	546	203	499	572	559	254	529	597	622	254	549	622	635	254	569	648	648
8"	4.9	2.4	2	10.7	5.3	8.3	203	520	597	597	254	550	622	660	254	580	648	673	254	600	673	686	254	620	699	699
10"	5.8	2.9	2.8	13.8	6.9	10.5	203	574	648	648	254	604	673	711	254	634	699	724	254	654	724	737	254	674	749	749
12"	10.7	5.3	4.9	26.7	13.3	20.3	203	624	699	699	254	654	724	762	254	684	749	775	254	704	775	787	254	724	800	800
14"	11.6	5.8	5.3	29.4	14.7	21.1	203	656	724	724	254	686	749	787	254	716	775	800	254	736	800	813	254	756	826	826
16"	13.3	6.7	6.1	33.8	16.9	21.8	254	707	775	826	254	737	800	838	254	767	826	851	254	787	851	864	305	807	876	927
18"	19.6	9.8	8	37.8	18.9	24.3	254	758	838	876	254	788	864	889	254	818	889	902	254	838	914	914	305	858	940	978
20"	21.8	10.9	8.8	42.3	21.1	26.7	254	808	889	927	254	838	914	940	254	868	940	953	254	888	965	965	305	908	991	1029
24"	25.8	12.9	10.5	78.7	39.4	57.4	254	910	991	1041	254	940	1016	1054	254	970	1041	1067	254	990	1067	1080	305	1010	1092	1143
30"	32.5	16.2	12.9	98.3	49.2	70.7	254	1062	1143	1194	254	1092	1168	1207	254	1122	1194	1219	305	1142	1219	1283	305	1162	1245	1295
36"	39.1	19.6	15.4	117.9	58.9	83.9	254	1215	1295	1346	254	1245	1321	1359	254	1275	1346	1372	305	1295	1372	1435	305	1315	1397	1448
42"	75.6	37.8	29.7	137.9	68.9	97.1	254	1367	1448	1499	254	1397	1473	1511	254	1427	1499	1524	305	1447	1524	1588	305	1467	1549	1600
48"	87.2	43.6	36.3	153.9	77	101	254	1520	1600	1651	254	1550	1626	1664	254	1580	1651	1676	305	1600	1676	1740	305	1620	1702	1753
56"	101.4	50.7	42.1	179.7	89.9	112.9	254	1723	1803	1854	254	1753	1829	1867	254	1783	1854	1880	305	1803	1880	1943	305	1823	1905	1956
60"	109	54.5	45	192.6	96.3	116.4	254	1824	1905	1956	254	1854	1930	1969	254	1884	1956	1981	305	1904	1981	2045	305	1924	2007	2057
66"	119.7	59.8	49.4	211.7	105.9	118.4	254	1977	2057	2083	254	2007	2083	2096	254	2037	2108	2108	305	2057	2134	2172	305	2077	2159	2184
72"	130.8	65.4	53.8	231.3	115.7	118.8	254	2129	2210	2261	254	2159	2235	2273	254	2189	2261	2286	305	2209	2286	2350	305	2229	2311	2362

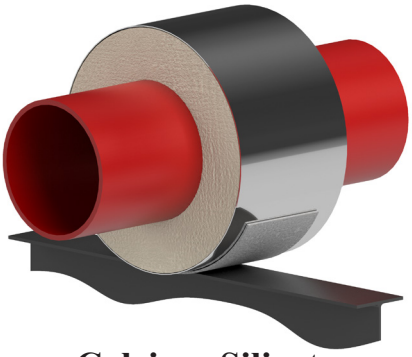
Specialty Calcium Silicate Supports

METRIC

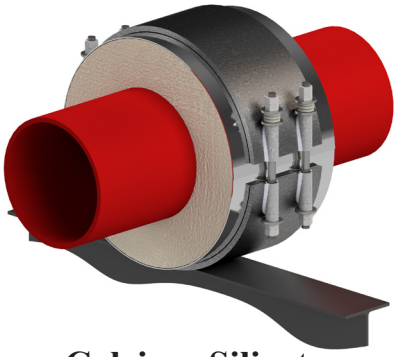
Calcium Silicate Specialty Overview



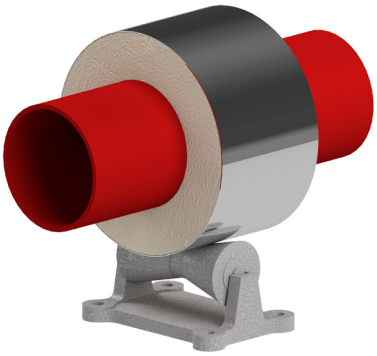
Calcium Silicate
Flat (Low Load)



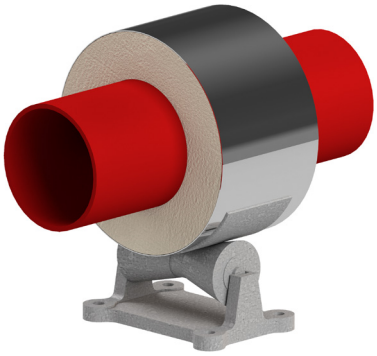
Calcium Silicate
Flat (Medium Load)



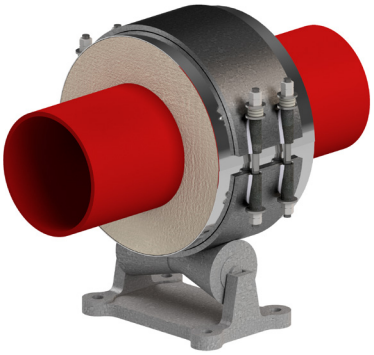
Calcium Silicate
Flat (High Load)



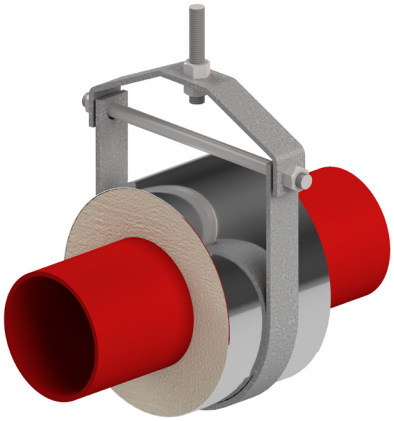
Calcium Silicate
Roller (Low Load)

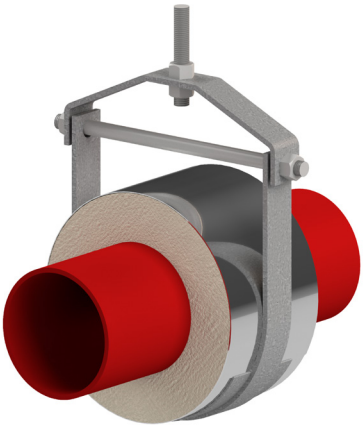


Calcium Silicate
Roller (Medium Load)



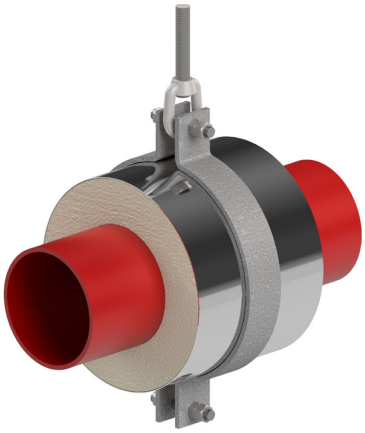
Calcium Silicate
Roller (High Load)



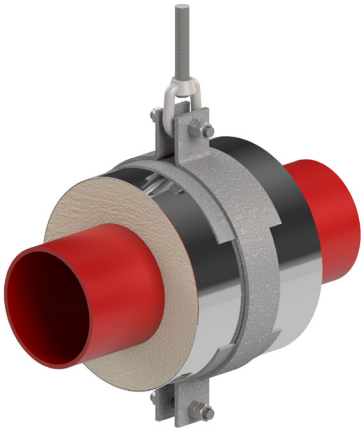


Calcium Silicate
Clevis

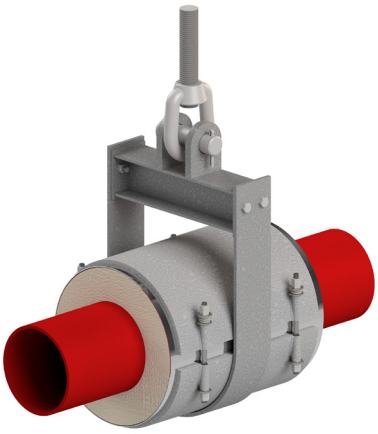
Calcium Silicate Specialty Overview



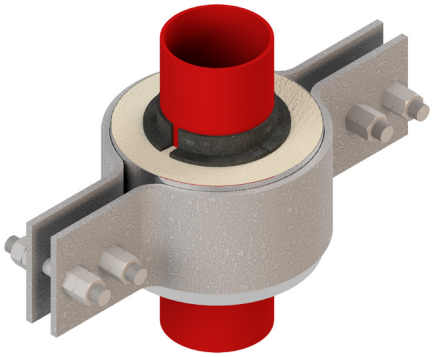
Calcium Silicate Hanging (Low Load)



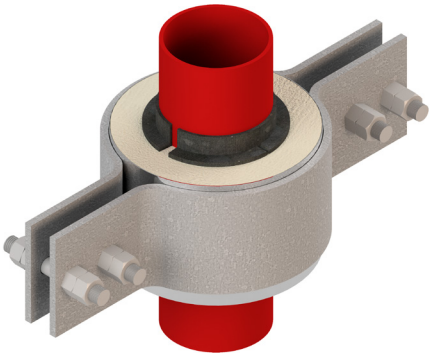
Calcium Silicate Hanging (Medium Load)



Calcium Silicate Hanging (High Load)



Calcium Silicate Riser (Low Load)



Calcium Silicate Riser (High Load)

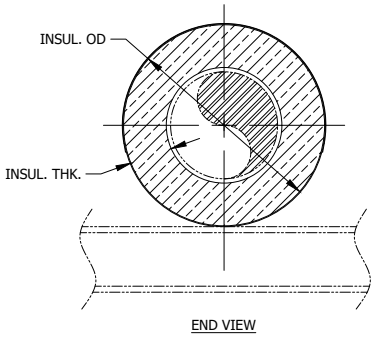
Calcium Silicate Flat (Low Load)

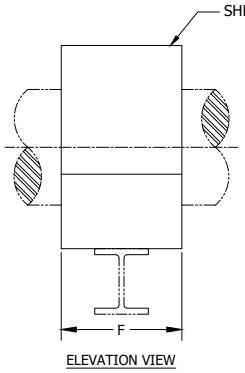
LEGACY DESIGNATION:
HF-1000; HF-2000; HF-3000; HF-4000

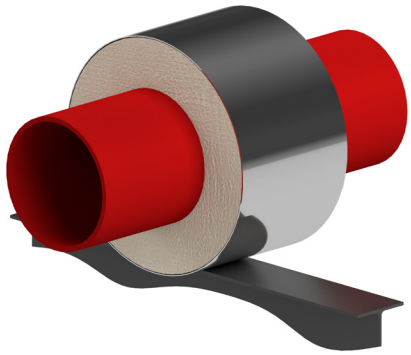
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HFCS	8	75	230	2

Hot **F**lat **C**alcium **S**ilicate







METRIC

Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (kN)	F (mm)	INSULATION THICKNESS														
			25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
			INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)
1/2"	0.2	229	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	0.2	229	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	0.3	229	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	0.5	229	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	0.6	229	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	0.7	229	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	0.9	229	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	1.3	229	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	2	229	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	2.2	229	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	2.3	229	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	2.6	229	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	2.7	229	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
16"	2.8	229	457	487	507	537	557	587	607	637	667	687	707	737	767	787	807
18"	2.9	229	508	538	558	588	608	638	658	688	718	738	758	788	818	838	858
20"	3.1	229	558	588	608	638	658	688	708	738	768	788	808	838	868	888	908
24"	3.4	229	660	690	710	740	760	790	810	840	870	890	910	940	970	990	1010
30"	4	229	812	842	862	892	912	942	962	992	1022	1042	1062	1092	1122	1142	1162
36"	4.4	229	965	995	1015	1045	1065	1095	1115	1145	1175	1195	1215	1245	1275	1295	1315
42"	4.9	229	1117	1147	1167	1197	1217	1247	1267	1297	1327	1347	1367	1397	1427	1447	1467

Calcium Silicate Flat (Medium Load)

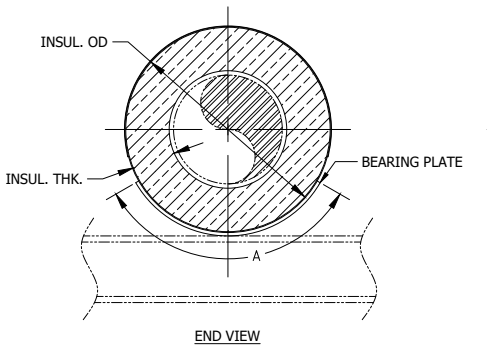
LEGACY DESIGNATION:
HF-5000; HF-6000

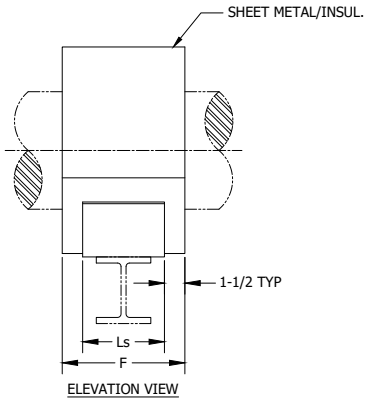
DESIGNATION EXAMPLE

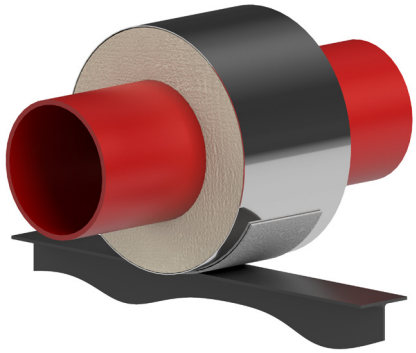
Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HFCS	8	75	230	15

Hot **F**lat **C**alcium **S**ilicate

METRIC







Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
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- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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Notes:
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PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	INSULATION THICKNESS													
				25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
				INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)
1/2"	0.7	229	152	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	0.9	229	152	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	1.1	229	152	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	1.6	229	152	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	2	229	152	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	2.4	229	152	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	2.9	229	152	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	3.8	229	152	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	5.6	229	152	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	7.3	229	152	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	9.3	229	152	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	15.1	229	152	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	17.3	229	152	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
16"	19.6	229	152	457	487	507	537	557	587	607	637	667	687	707	737	767	787	807
18"	21.4	229	152	508	538	558	588	608	638	658	688	718	738	758	788	818	838	858
20"	22.7	229	152	558	588	608	638	658	688	708	738	768	788	808	838	868	888	908
24"	24.5	229	152	660	690	710	740	760	790	810	840	870	890	910	940	970	990	1010
30"	24.5	229	152	812	842	862	892	912	942	962	992	1022	1042	1062	1092	1122	1142	1162
36"	28.9	229	152	965	995	1015	1045	1065	1095	1115	1145	1175	1195	1215	1245	1275	1295	1315
42"	33.4	229	152	1117	1147	1167	1197	1217	1247	1267	1297	1327	1347	1367	1397	1427	1447	1467

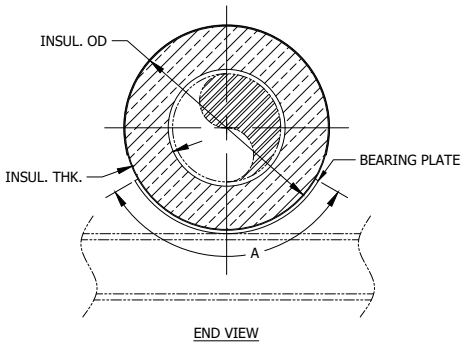
Calcium Silicate Flat (High Load)

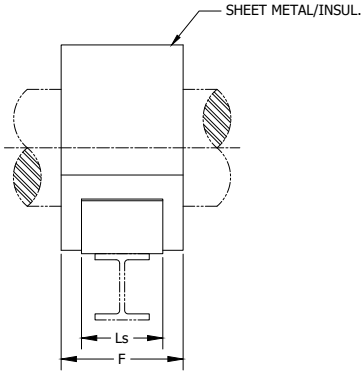
LEGACY DESIGNATION:
HF-7000; HF-7200; HF-7400

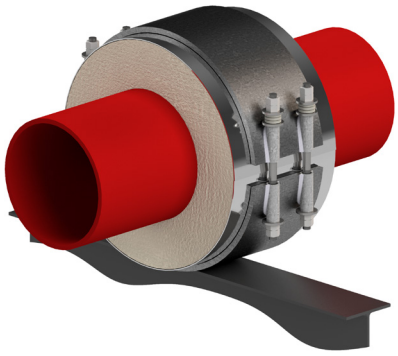
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HFCS	8	75	230	92

Hot **F**lat **C**alcium **S**ilicate







METRIC

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- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	INSULATION THICKNESS													
				25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
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1/2"	0.9	229	152	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	1	229	152	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	1.4	229	152	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	2.1	229	152	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	2.7	229	152	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	3.2	229	152	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	7.1	229	152	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	11.2	229	152	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	17	229	152	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	22.7	229	152	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	26.7	229	152	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	29.4	229	152	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	33.4	229	152	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
16"	38.7	229	152	457	487	507	537	557	587	607	637	667	687	707	737	767	787	807
18"	42.7	381	305	508	538	558	588	608	638	658	688	718	738	758	788	818	838	858
20"	45.4	381	305	558	588	608	638	658	688	708	738	768	788	808	838	868	888	908
24"	53.4	381	305	660	690	710	740	760	790	810	840	870	890	910	940	970	990	1010
30"	65.6	381	305	812	842	862	892	912	942	962	992	1022	1042	1062	1092	1122	1142	1162
36"	78.7	381	305	965	995	1015	1045	1065	1095	1115	1145	1175	1195	1215	1245	1275	1295	1315
42"	92.1	381	305	1117	1147	1167	1197	1217	1247	1267	1297	1327	1347	1367	1397	1427	1447	1467

Calcium Silicate Roller (Low Load)

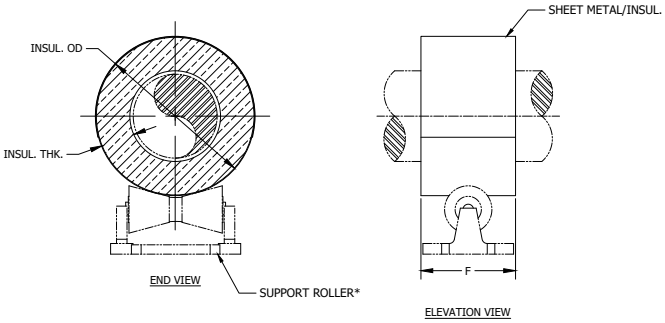
LEGACY DESIGNATION:
HR-3000; HR-4000

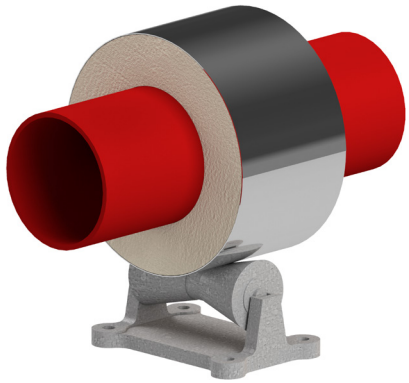
METRIC

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HRCS	4	75	230	1

Hot **R**oller **C**alcium **S**ilicate





* - All hardware sold separately.

Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (kN)	F (mm)	INSULATION THICKNESS														
			25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
			INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)
1/2"	0.2	229	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	0.2	229	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	0.3	229	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	0.4	229	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	0.7	229	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	0.8	229	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	1	229	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	1.4	229	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	2	229	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	2.4	229	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	2.6	229	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	3.7	229	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	4	229	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
16"	4.3	229	457	487	507	537	557	587	607	637	667	687	707	737	767	787	807
18"	4.8	229	508	538	558	588	608	638	658	688	718	738	758	788	818	838	858
20"	5.1	229	558	588	608	638	658	688	708	738	768	788	808	838	868	888	908
24"	5.6	229	660	690	710	740	760	790	810	840	870	890	910	940	970	990	1010
30"	6	229	812	842	862	892	912	942	962	992	1022	1042	1062	1092	1122	1142	1162
36"	6	229	965	995	1015	1045	1065	1095	1115	1145	1175	1195	1215	1245	1275	1295	1315
42"	6	229	1117	1147	1167	1197	1217	1247	1267	1297	1327	1347	1367	1397	1427	1447	1467

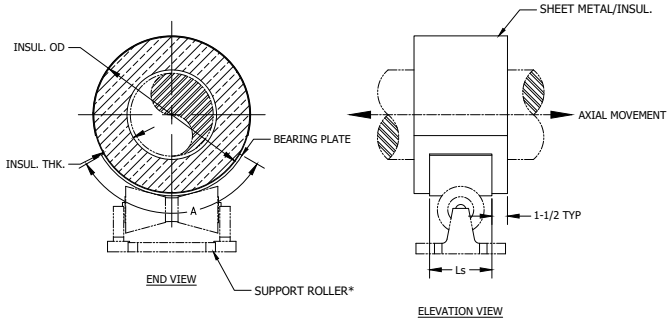
Calcium Silicate Roller (Medium Load)

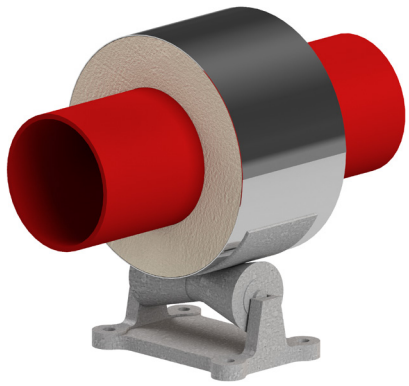
LEGACY DESIGNATION:
HR-5000; HR-6000

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HRCS	4	75	230	15

Hot **R**oller **C**alcium **S**ilicate





METRIC

Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	INSULATION THICKNESS													
				25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
				INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)
1/2"	0.7	229	152	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	0.9	229	152	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	1.1	229	152	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	1.6	229	152	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	2	229	152	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	2.4	229	152	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	2.9	229	152	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	3.8	229	152	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	5.6	229	152	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	7.3	229	152	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	8.3	305	229	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	15.1	305	229	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	15.6	305	229	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
16"	17.6	305	229	457	487	507	537	557	587	607	637	667	687	707	737	767	787	807
18"	19.1	305	229	508	538	558	588	608	638	658	688	718	738	758	788	818	838	858
20"	20.2	305	229	558	588	608	638	658	688	708	738	768	788	808	838	868	888	908
24"	22	305	229	660	690	710	740	760	790	810	840	870	890	910	940	970	990	1010
30"	24.2	305	229	812	842	862	892	912	942	962	992	1022	1042	1062	1092	1122	1142	1162
36"	28.7	305	229	965	995	1015	1045	1065	1095	1115	1145	1175	1195	1215	1245	1275	1295	1315
42"	33.1	305	229	1117	1147	1167	1197	1217	1247	1267	1297	1327	1347	1367	1397	1427	1447	1467

Calcium Silicate Roller (High Load)

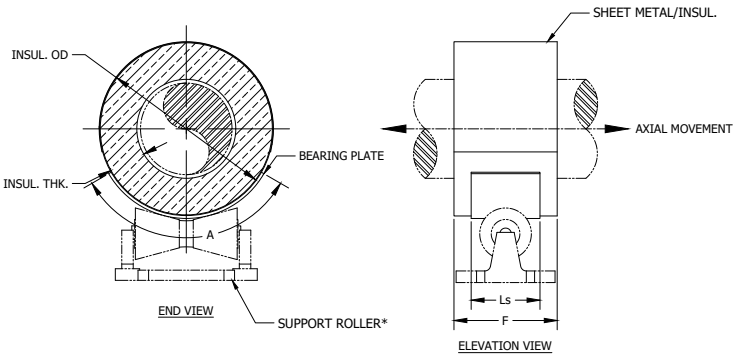
LEGACY DESIGNATION:
HR-8000; HR-8200; HR-8400

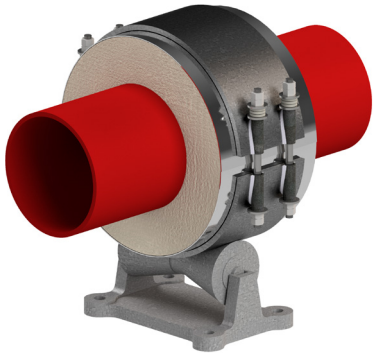
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HRCS	4	75	230	92

Hot **R**oller **C**alcium **S**ilicate

METRIC





Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	INSULATION THICKNESS													
				25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
				INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)
1/2"	0.9	229	152	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	1	229	152	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	1.4	229	152	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	2.1	229	152	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	2.7	229	152	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	3.2	229	152	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	7.1	229	152	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	11.2	229	152	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	17	229	152	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	22.7	229	152	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	26.7	229	152	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	29.4	229	152	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	33.4	305	229	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
16"	38.7	305	229	457	487	507	537	557	587	607	637	667	687	707	737	767	787	807
18"	42.7	381	305	508	538	558	588	608	638	658	688	718	738	758	788	818	838	858
20"	45.4	381	305	558	588	608	638	658	688	708	738	768	788	808	838	868	888	908
24"	53.4	381	305	660	690	710	740	760	790	810	840	870	890	910	940	970	990	1010
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36"	78.7	381	305	965	995	1015	1045	1065	1095	1115	1145	1175	1195	1215	1245	1275	1295	1315
42"	92.1	381	305	1117	1147	1167	1197	1217	1247	1267	1297	1327	1347	1367	1397	1427	1447	1467

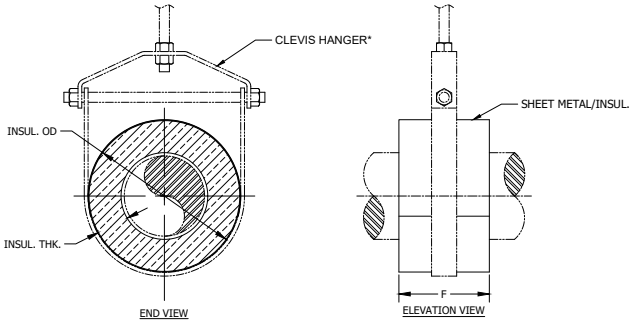
Calcium Silicate Clevis (Low Load)

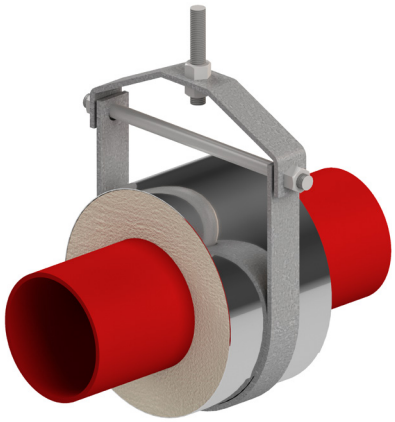
LEGACY DESIGNATION: HC-1000; HC-2000

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HCCS	8	75	150	3

Hot **C**levis **C**alcium **S**ilicate





* - All hardware sold separately.

Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
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METRIC

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			25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
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1/2"	0.2	229	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	0.2	229	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	0.3	229	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	0.5	229	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	0.7	229	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	1	229	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	1.2	229	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	1.7	229	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	2.6	229	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
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20"	9.3	229	558	588	608	638	658	688	708	738	768	-	-	-	-	-	-
24"	10.7	229	660	690	710	740	760	790	810	840	870	-	-	-	-	-	-

Calcium Silicate Clevis (Medium Load)

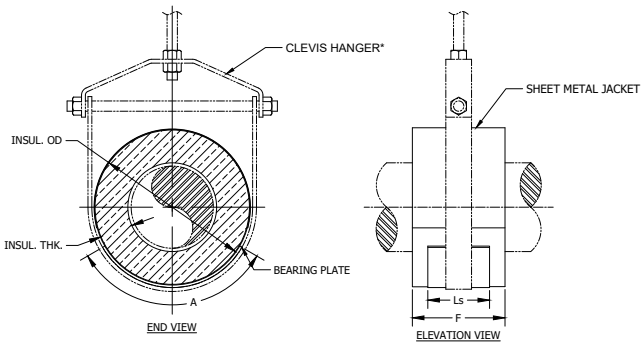
LEGACY DESIGNATION: HC-3000; HC-4000

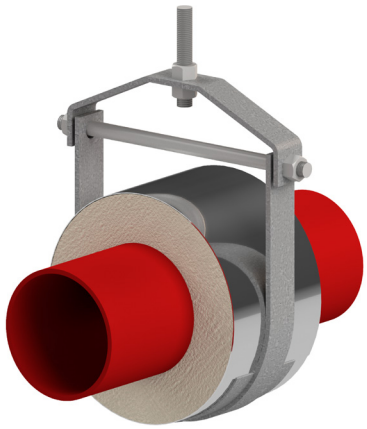
METRIC

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HCCS	8	75	150	9

Hot **C**levis **C**alcium **S**ilicate





* - All hardware sold separately.

Applications & Features:

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- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
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				25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
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1/2"	0.7	229	152	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
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1"	1.1	229	152	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	1.6	229	152	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	2	229	152	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	2.4	229	152	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	2.9	229	152	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
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8"	7.3	229	152	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	9	229	152	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	10.7	229	152	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
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16"	13.4	229	152	457	487	507	537	557	587	607	637	667	687	707	737	767	-	-
18"	15.1	229	152	508	538	558	588	608	638	658	688	718	738	758	-	-	-	-
20"	16.8	229	152	558	588	608	638	658	688	708	738	768	-	-	-	-	-	-
24"	20.1	229	152	660	690	710	740	760	790	810	840	870	-	-	-	-	-	-

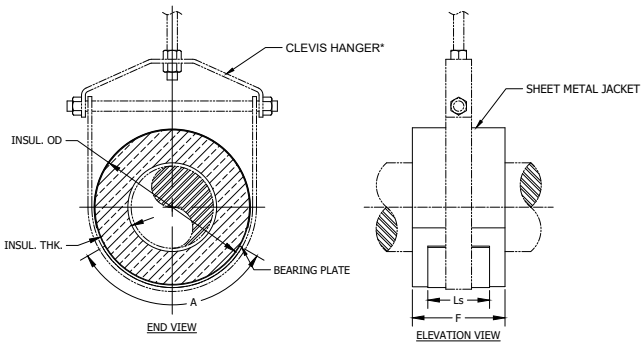
Calcium Silicate Clevis (High Load)

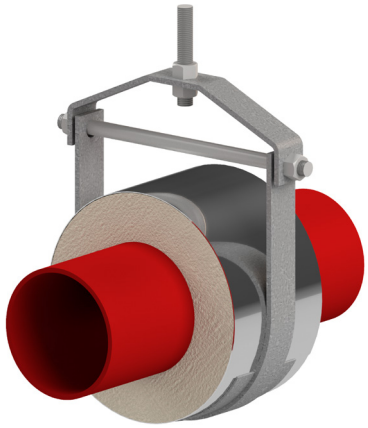
LEGACY DESIGNATION: HC-9000

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HCCS	8	75	150	16

Hot **C**levis **C**alcium **S**ilicate





* - All hardware sold separately.

Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

METRIC

Notes:
1)Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	INSULATION THICKNESS													
				25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
				INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)
1/2"	1.4	229	152	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	1.8	229	152	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	2.2	229	152	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	3.2	229	152	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	4	229	152	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	4.8	229	152	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	5.9	229	152	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	8.6	229	152	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	8.9	229	152	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	16	229	152	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	16.9	229	152	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	18.7	229	152	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	20.5	229	152	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
16"	21.4	229	152	457	487	507	537	557	587	607	637	667	687	707	737	767	-	-
18"	21.4	229	152	508	538	558	588	608	638	658	688	718	738	758	-	-	-	-
20"	21.4	229	152	558	588	608	638	658	688	708	738	768	-	-	-	-	-	-
24"	21.4	229	152	660	690	710	740	760	790	810	840	870	-	-	-	-	-	-

Calcium Silicate Hanging (Low Load)

LEGACY DESIGNATION:

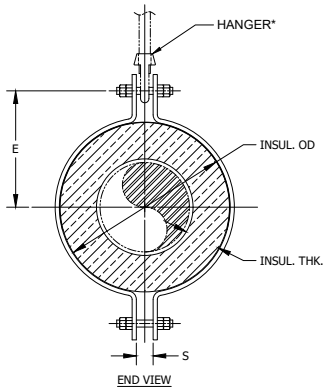
HH-1000; HH-2000

DESIGNATION EXAMPLE

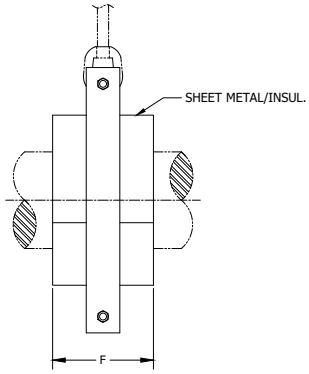
Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HHCS -	8 x	75 -	150 -	8

Hot **H**anging **C**alcium **S**ilicate

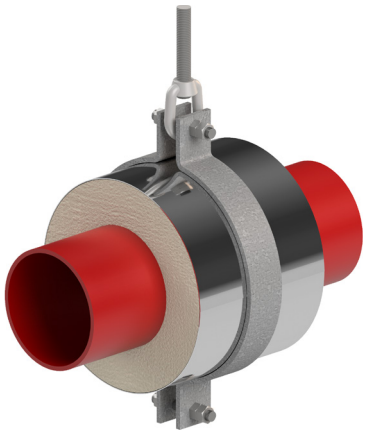
METRIC



END VIEW



ELEVATION VIEW



* - All hardware sold separately.

Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (kN)	F (mm)	S (mm)	B (mm)	INSULATION THICKNESS									
					25 mm		40 mm		50 mm		65 mm		75 mm	
					INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)
1"	2.3	229	25	13	84	71	114	84	134	102	164	114	184	127
1-1/2"	2.7	229	25	13	99	76	129	89	149	114	179	127	199	140
2"	2.7	229	25	13	111	84	141	102	161	114	191	127	211	140
2-1/2"	3.6	229	25	13	124	89	154	114	174	127	204	140	224	160
3"	5	229	25	16	139	102	169	114	189	135	219	147	239	160
4"	7.7	229	32	19	165	122	195	135	215	147	245	160	265	178
6"	12	229	38	22	219	152	249	165	269	178	299	191	319	211
8"	16	229	44	25	270	203	300	224	320	236	350	249	370	267
10"	16.1	229	44	25	324	236	354	249	374	267	404	279	424	292
12"	20.7	229	51	29	374	267	404	279	424	300	454	312	474	325
14"	20.7	229	51	29	406	279	436	300	456	312	486	325	506	338
16"	30.3	229	64	35	457	318	487	330	507	343	537	356	557	368
18"	30.3	229	64	35	508	343	538	356	558	368	588	401	608	414
20"	35.5	229	64	35	558	381	588	401	608	414	638	427	658	439
24"	45.7	305	76	44	660	439	690	452	710	470	740	483	760	495
30"	47.2	305	76	44	812	521	842	533	862	546	892	559	912	572
36"	57.9	305	89	51	965	622	995	635	1015	648	1045	660	1065	681
42"	57.9	305	89	51	1117	719	1147	732	1167	744	1197	757	1217	770

Calcium Silicate Hanging (Medium Load)

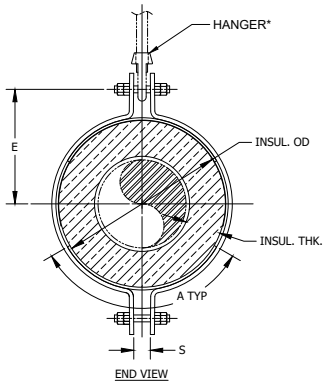
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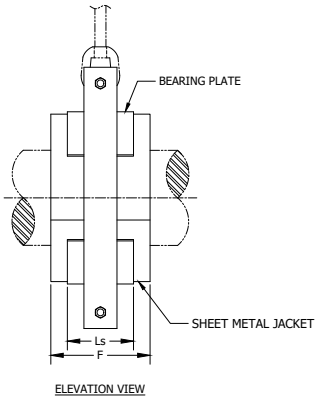
HH-3000; HH-3100

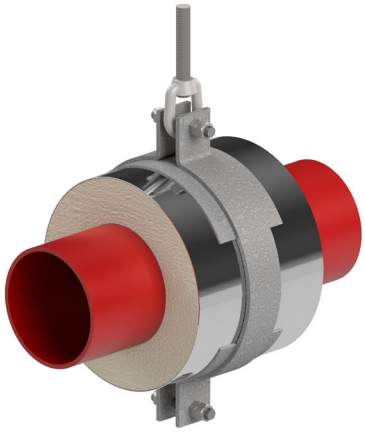
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HHCS -	8 x	75 -	150 -	51

Hot **H**anging **C**alcium **S**ilicate







METRIC

* - All hardware sold separately.

Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:

1) Dimensions in millimeters unless noted

2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	S (mm)	B (mm)	INSULATION THICKNESS									
						25 mm		40 mm		50 mm		65 mm		75 mm	
						INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)
1"	5	229	152	25	16	84	71	114	84	134	102	164	114	184	135
1-1/2"	7.3	229	152	25	16	99	84	129	97	149	122	179	135	199	147
2"	7.6	229	152	25	16	111	89	141	109	161	122	191	135	211	147
2-1/2"	8	229	152	32	19	124	97	154	122	174	135	204	147	224	160
3"	12	229	152	38	22	139	109	169	122	189	135	219	152	239	165
4"	15.3	305	229	44	25	165	127	195	140	215	152	245	165	265	185
6"	22	305	229	51	29	219	178	249	191	269	203	299	224	319	236
8"	32.1	305	229	64	35	270	216	300	229	320	241	350	262	370	274
10"	32.3	305	229	64	35	324	241	354	262	374	274	404	292	424	305
12"	41.5	305	229	64	38	374	262	404	274	424	300	454	312	474	325
14"	41.5	305	229	64	38	406	274	436	300	456	312	486	325	506	338
16"	51	305	229	76	44	457	330	487	343	507	363	537	376	557	389
18"	51	305	229	76	44	508	363	538	376	558	389	588	401	608	414
20"	73.8	305	229	102	57	558	414	588	427	608	439	638	452	658	465
24"	84.5	381	305	102	57	660	465	690	483	710	495	740	508	760	521
30"	91.7	381	305	102	57	812	559	842	579	862	592	892	605	912	617
36"	110.8	381	305	108	64	965	648	995	660	1015	673	1045	686	1065	699
42"	110.8	381	305	108	64	1117	724	1147	737	1167	749	1197	770	1217	782

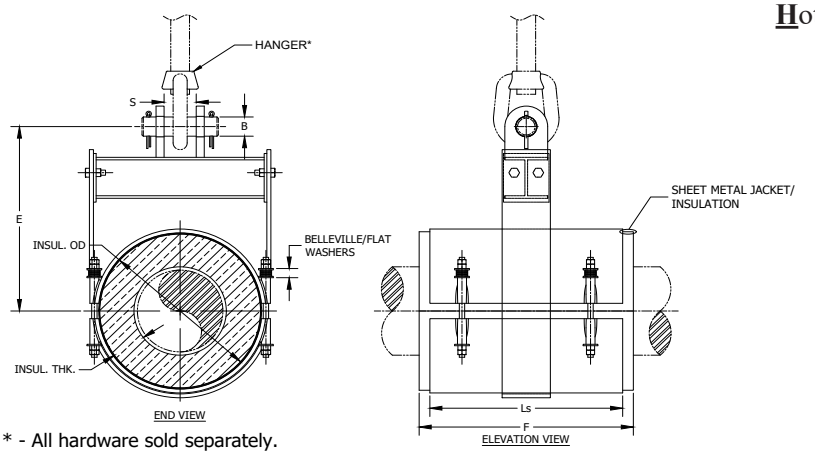
Calcium Silicate Hanging (High Load)

METRIC

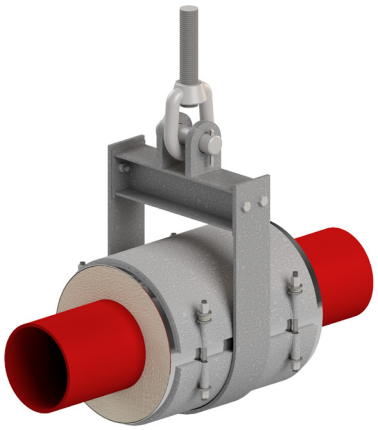
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HHCS -	8 x	75 -	150 -	213

Hot **H**anging **C**alcium **S**ilicate



* - All hardware sold separately.



Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	S (mm)	B (mm)	INSULATION THICKNESS									
						25 mm		40 mm		50 mm		65 mm		75 mm	
						INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)
1"	2.8	381	305	25	16	84	254	114	254	134	279	164	305	184	305
1-1/2"	4.3	381	305	32	19	99	254	129	279	149	305	179	305	199	330
2"	5.3	381	305	32	19	111	254	141	279	161	305	191	305	211	330
2-1/2"	6.4	381	305	32	19	124	279	154	305	174	305	204	330	224	330
3"	14.1	381	305	38	22	139	305	169	305	189	330	219	330	239	356
4"	22.4	381	305	51	29	165	330	195	356	215	356	245	381	265	381
6"	34	381	305	64	35	219	356	249	381	269	381	299	432	319	432
8"	45.4	533	457	76	44	270	406	300	432	320	432	350	457	370	457
10"	53.4	533	457	76	44	324	432	354	457	374	457	404	483	424	483
12"	58.7	533	457	89	51	374	457	404	483	424	483	454	508	474	508
14"	66.7	533	457	89	51	406	483	436	483	456	508	486	508	506	533
16"	77.4	533	457	102	57	457	533	487	533	507	559	537	610	557	635
18"	85.4	533	457	102	57	508	559	538	559	558	635	588	635	608	660
20"	90.7	533	457	102	57	558	635	588	635	608	660	638	660	658	686
24"	96.1	533	457	108	64	660	737	690	762	710	762	740	787	760	787
30"	125.4	533	457	108	64	812	813	842	838	862	838	892	864	912	864
36"	146.8	533	457	114	70	965	889	995	914	1015	914	1045	940	1065	940
42"	165.5	533	457	127	76	1117	1041	1147	1041	1167	1067	1197	1067	1217	1092
48"	189.2	533	457	133	83	1270	1118	1300	1143	1320	1143	1350	1168	1370	1168
54"	213	533	457	140	89	1422	1194	1452	1219	1472	1219	1502	1245	1522	1245
56"	220.9	533	457	140	89	1473	1219	1503	1245	1523	1245	1553	1270	1573	1270
60"	236.7	533	457	140	89	1574	1270	1604	1295	1624	1295	1654	1321	1674	1321
66"	260.5	533	457	152	95	1727	1448	1757	1473	1777	1473	1807	1499	1827	1499
72"	284.2	533	457	152	95	1879	1549	1909	1575	1929	1575	1959	1600	1979	1600

Calcium Silicate Riser (Low Load)

LEGACY DESIGNATION:

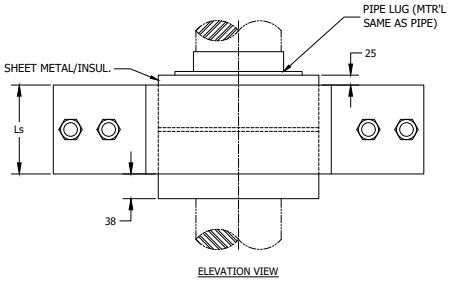
HV-2000

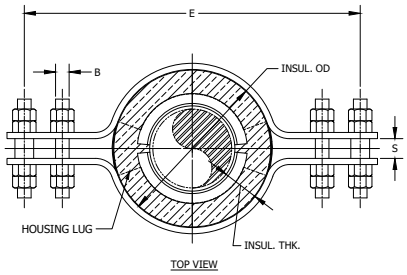
DESIGNATION EXAMPLE

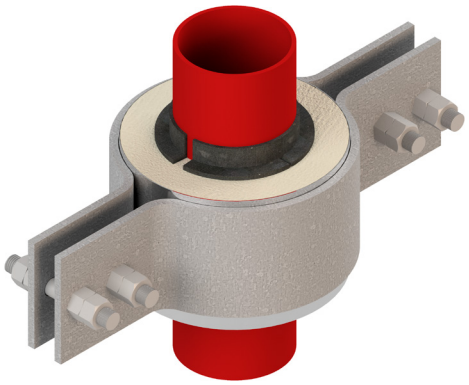
Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HVCS -	8 x	75 -	150 -	8

Hot **R**iser **C**alcium **S**ilicate

METRIC







Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (kN)	B (mm)	S (mm)	INSULATION THICKNESS													
				25 mm			40 mm			50 mm			65 mm			75 mm		
				INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)
2"	1.1	13	32	111	368	76	141	406	76	161	432	76	191	457	76	211	483	76
2-1/2"	1.3	13	32	124	381	76	154	432	76	174	457	76	204	483	76	224	508	102
3"	1.8	13	32	139	406	76	169	432	76	189	457	76	219	483	76	239	508	102
4"	2.7	13	32	165	432	76	195	457	76	215	483	76	245	508	102	265	533	102
6"	4.4	13	32	219	483	76	249	508	102	269	533	102	299	559	102	319	584	102
8"	5.8	16	32	270	533	102	300	559	102	320	584	102	350	610	102	370	635	102
10"	7.1	16	32	324	584	102	354	610	102	374	635	102	404	660	102	424	686	102
12"	7.6	16	32	374	635	102	404	660	102	424	686	102	454	711	102	474	737	102
14"	8.9	16	32	406	660	102	436	686	102	456	711	102	486	737	102	506	762	102
16"	10.2	16	32	457	711	102	487	737	102	507	775	102	537	800	102	557	826	102
18"	11.1	16	32	508	775	102	538	800	102	558	826	102	588	851	102	608	876	102
20"	12	16	32	558	826	102	588	851	102	608	876	102	638	902	102	658	927	102
24"	12.5	16	32	660	927	102	690	953	102	710	978	127	740	1003	102	760	1029	102

Calcium Silicate Riser (Medium Load)

LEGACY DESIGNATION:

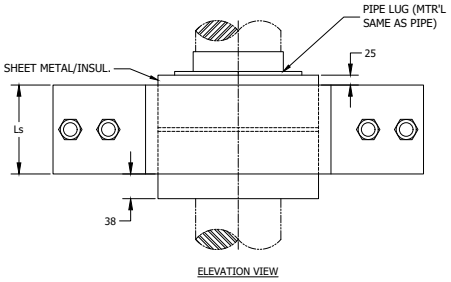
HV-2100

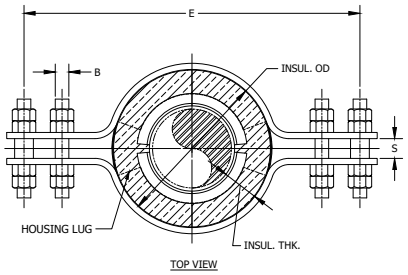
DESIGNATION EXAMPLE

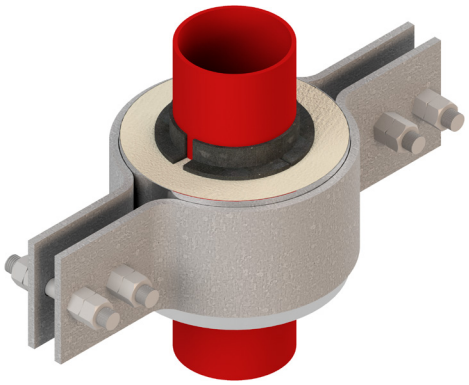
Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HVCS -	8 x	75 -	150 -	36

Hot **R**iser **C**alcium **S**ilicate

METRIC







Applications & Features:

- Temperature range from 5 Deg C to 650 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (kN)	B (mm)	S (mm)	INSULATION THICKNESS													
				25 mm			40 mm			50 mm			65 mm			75 mm		
				INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)
2"	3.3	13	32	111	368	76	141	406	76	161	432	76	191	457	76	211	483	76
2-1/2"	4	13	32	124	381	76	154	432	76	174	457	76	204	483	76	224	508	76
3"	5.3	13	32	139	406	76	169	432	76	189	457	76	219	483	76	239	508	102
4"	8	16	32	165	432	102	195	457	102	215	483	102	245	508	102	265	533	102
6"	13.3	16	32	219	483	102	249	508	102	269	533	102	299	559	102	319	584	102
8"	17.3	19	32	270	546	102	300	572	102	320	597	102	350	622	102	370	648	102
10"	21.4	19	32	324	610	102	354	648	102	374	673	102	404	699	102	424	724	127
12"	22.7	22	38	374	686	127	404	711	127	424	737	127	454	762	127	474	787	152
14"	26.7	22	38	406	711	152	436	737	152	456	762	152	486	787	152	506	864	127
16"	30.7	25	44	457	787	152	487	813	152	507	876	127	537	902	127	557	927	127
18"	33.4	25	44	508	876	152	538	902	152	558	927	152	588	953	152	608	978	152
20"	36	25	44	558	927	152	588	953	178	608	978	178	638	1003	178	658	1029	178
24"	37.4	29	51	660	1054	152	690	1080	178	710	1105	178	740	1130	178	760	1156	178

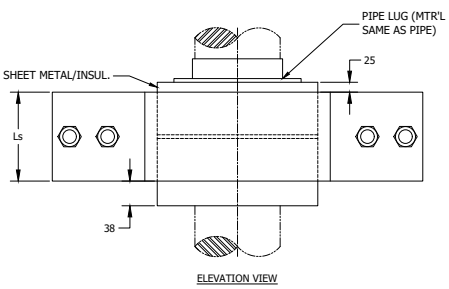
Calcium Silicate Riser (High Load)

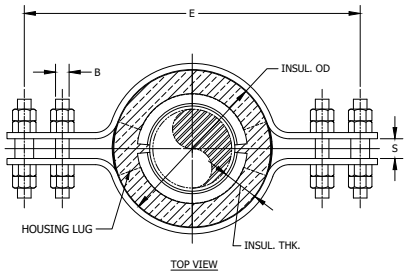
DESIGNATION EXAMPLE

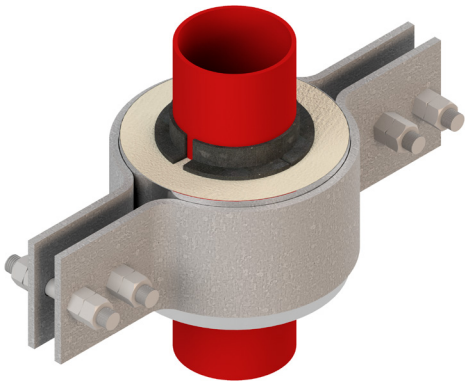
Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
HVCS -	8 x	75 -	150 -	72

Hot **R**iser **C**alcium **S**ilicate

METRIC







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- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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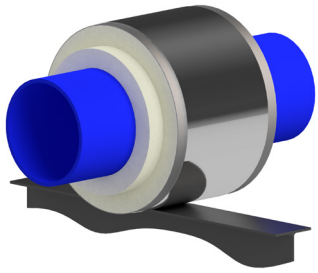
Notes:
1) Dimensions in millimeters unless noted
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				25 mm			40 mm			50 mm			65 mm			75 mm		
				INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)
2"	6.7	16	32	111	368	76	141	406	76	161	432	76	191	457	102	211	483	102
2-1/2"	8	16	32	124	381	76	154	432	102	174	457	102	204	483	102	224	508	102
3"	10.7	16	32	139	406	76	169	432	102	189	457	102	219	483	102	239	508	102
4"	16	19	32	165	432	102	195	457	102	215	483	102	245	508	102	265	546	102
6"	26.7	22	38	219	533	102	249	559	102	269	584	127	299	610	127	319	635	127
8"	34.7	25	44	270	597	152	300	622	152	320	648	152	350	724	127	370	749	127
10"	42.7	29	51	324	711	127	354	749	152	374	775	152	404	800	152	424	826	152
12"	45.4	29	51	374	775	152	404	800	152	424	826	152	454	851	152	474	876	152
14"	53.4	32	57	406	813	178	436	838	178	456	864	178	486	889	178	506	914	178
16"	61.4	35	64	457	889	178	487	914	178	507	940	178	537	965	178	557	991	178
18"	66.7	35	64	508	940	178	538	965	178	558	991	178	588	1054	152	608	1080	152
20"	72.1	35	64	558	1029	178	588	1054	178	608	1080	178	638	1105	178	658	1130	178
24"	74.7	38	64	660	1156	178	690	1181	178	710	1207	178	740	1232	203	760	1257	203

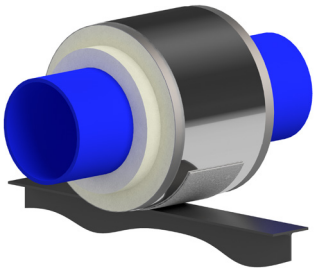
Specialty Polyurethane Supports

METRIC

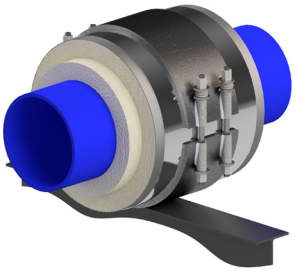
Polyurethane Specialty Overview



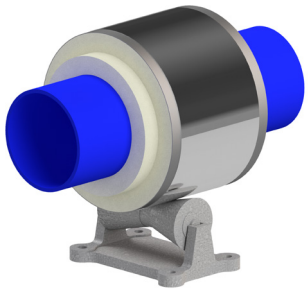
Polyurethane
Flat (Low Load)



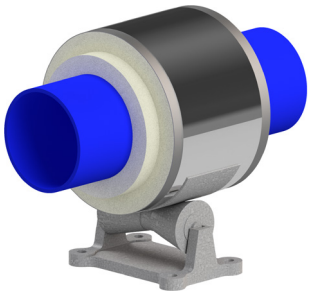
Polyurethane
Flat (Medium Load)



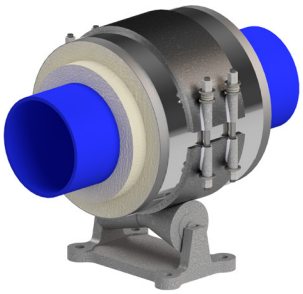
Polyurethane
Flat (High Load)



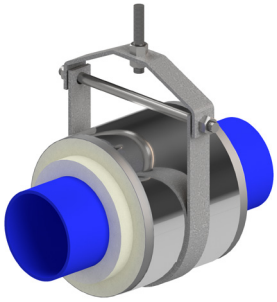
Polyurethane
Roller (Low Load)

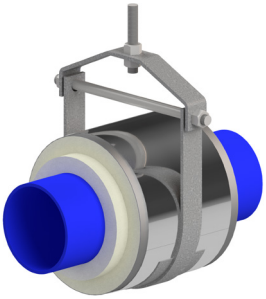


Polyurethane
Roller (Medium Load)

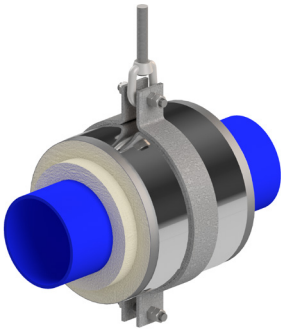


Polyurethane
Roller (High Load)

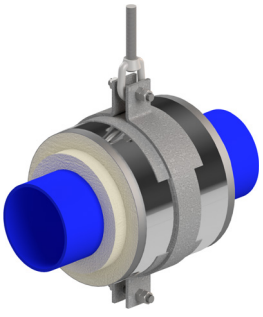




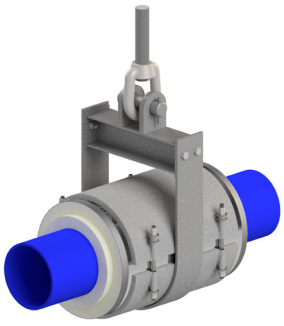
Polyurethane Clevis



Polyurethane
Hanging (Low Load)

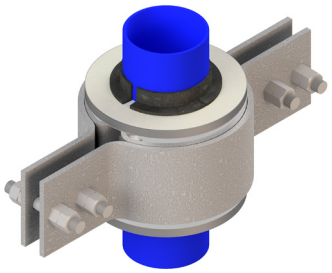


Polyurethane
Hanging (Medium Load)

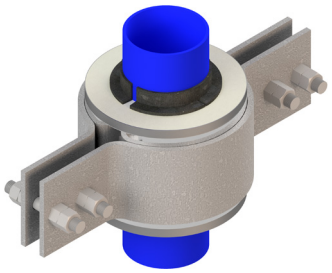


Polyurethane Hanging
(High Load)

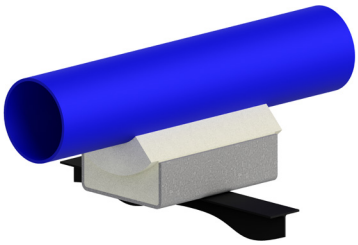
Polyurethane Specialty Overview



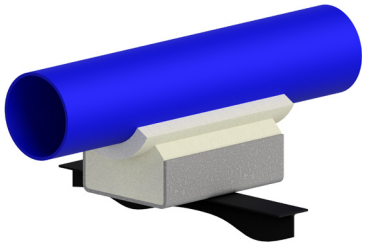
Polyurethane Riser (Low Load)



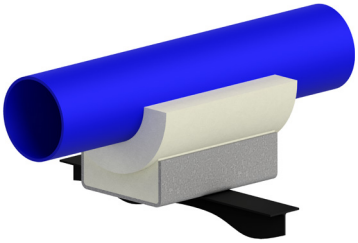
Polyurethane Riser (High Load)



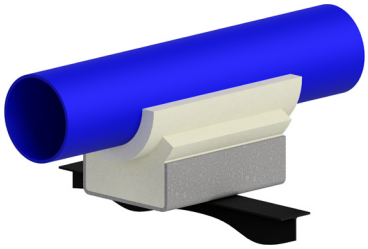
Polyurethane Insulated Guided (90 degree) Single Layer



Polyurethane Insulated Guided (90 degree) Double Layer



Polyurethane Insulated Guided (180 degree) Single Layer



Polyurethane Insulated Guided (180 degree) Double Layer

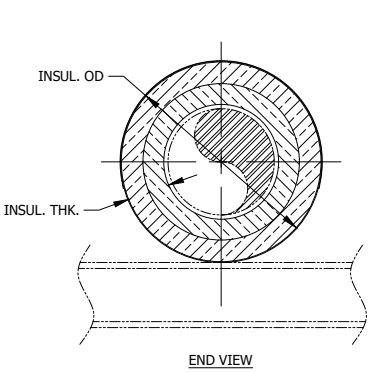
Polyurethane Flat (Low Load)

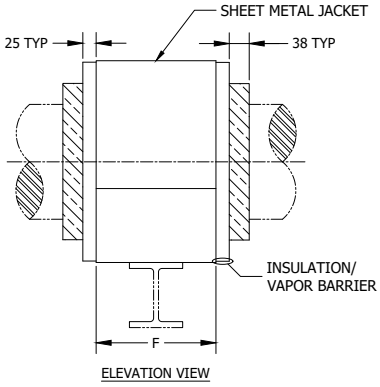
LEGACY DESIGNATION:
CF-1000; CF-2000

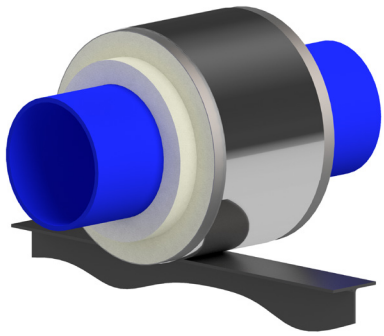
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CFPF	8	75	230	5

Cold **F**lat **P**olyurethane **F**oam







METRIC

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

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- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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Notes:
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PIPE SIZE	VERT. LOAD (kN)	F (mm)	INSULATION THICKNESS														
			25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
			INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)
1/2"	0.2	229	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	0.2	229	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	0.3	229	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	0.5	229	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	0.6	229	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	0.7	229	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	0.9	229	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	1.3	229	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	2	229	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	2.2	229	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	2.3	229	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	2.6	229	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	2.7	229	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
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20"	3.1	229	558	588	608	638	658	688	708	738	768	788	808	838	868	888	908
24"	3.4	229	660	690	710	740	760	790	810	840	870	890	910	940	970	990	1010
30"	4	229	812	842	862	892	912	942	962	992	1022	1042	1062	1092	1122	1142	1162
36"	4.4	229	965	995	1015	1045	1065	1095	1115	1145	1175	1195	1215	1245	1275	1295	1315
42"	4.9	229	1117	1147	1167	1197	1217	1247	1267	1297	1327	1347	1367	1397	1427	1447	1467

Polyurethane Flat (Medium Load)

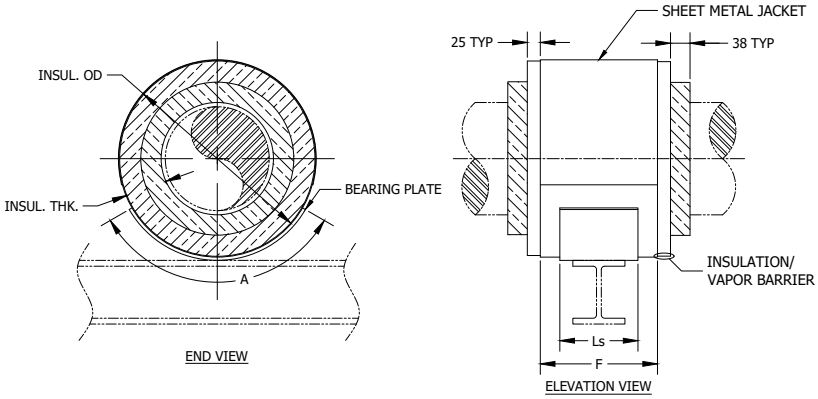
LEGACY DESIGNATION:
CF-3000; CF-3100

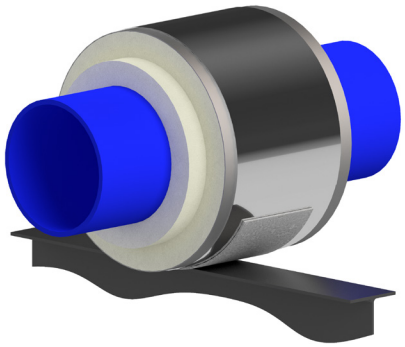
METRIC

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CFPF	- 8 x	75 -	230 -	15

Cold **F**lat **P**olyurethane **F**oam





Applications & Features:

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- Vertical Load (As Shown in Tables or Custom)

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PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	INSULATION THICKNESS													
				25 mm INSUL. OD (mm)	40 mm INSUL. OD (mm)	50 mm INSUL. OD (mm)	65 mm INSUL. OD (mm)	75 mm INSUL. OD (mm)	90 mm INSUL. OD (mm)	100 mm INSUL. OD (mm)	115 mm INSUL. OD (mm)	130 mm INSUL. OD (mm)	140 mm INSUL. OD (mm)	150 mm INSUL. OD (mm)	165 mm INSUL. OD (mm)	180 mm INSUL. OD (mm)	190 mm INSUL. OD (mm)	200 mm INSUL. OD (mm)
1/2"	0.7	229	152	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	0.9	229	152	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	1.1	229	152	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	1.6	229	152	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	2	229	152	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	2.4	229	152	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	2.9	229	152	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	3.8	229	152	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	5.6	229	152	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	7.3	229	152	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	9.3	229	152	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	15.1	229	152	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	17.3	229	152	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
16"	19.6	229	152	457	487	507	537	557	587	607	637	667	687	707	737	767	787	807
18"	21.4	229	152	508	538	558	588	608	638	658	688	718	738	758	788	818	838	858
20"	22.7	229	152	558	588	608	638	658	688	708	738	768	788	808	838	868	888	908
24"	24.5	229	152	660	690	710	740	760	790	810	840	870	890	910	940	970	990	1010
30"	24.5	229	152	812	842	862	892	912	942	962	992	1022	1042	1062	1092	1122	1142	1162
36"	28.9	229	152	965	995	1015	1045	1065	1095	1115	1145	1175	1195	1215	1245	1275	1295	1315
42"	33.4	229	152	1117	1147	1167	1197	1217	1247	1267	1297	1327	1347	1367	1397	1427	1447	1467

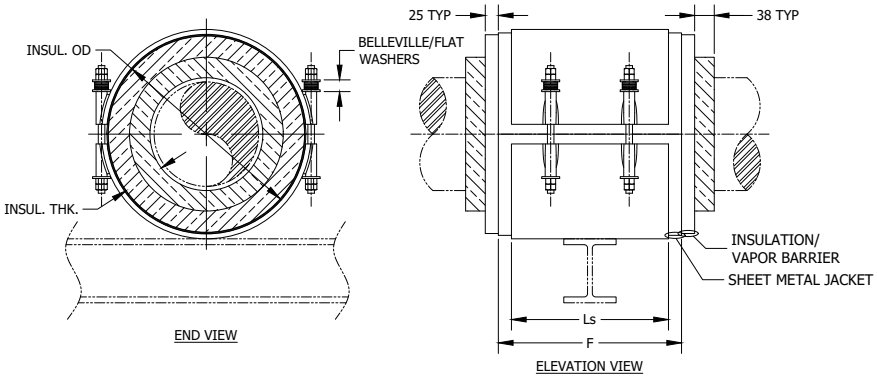
Polyurethane Flat (High Load)

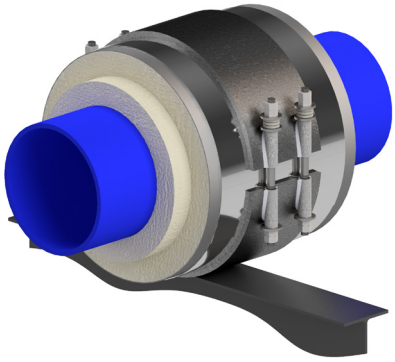
LEGACY DESIGNATION:
CF-4000; CF-4100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CFPF	- 8 x	75 -	230 -	15

Cold **F**lat **P**olyurethane **F**oam





METRIC

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	INSULATION THICKNESS													
				25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
				INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)
1/2"	0.9	229	152	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	1	229	152	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	1.4	229	152	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	2.1	229	152	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	2.7	229	152	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	3.2	229	152	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	7.1	229	152	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	11.2	229	152	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	17	229	152	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	22.7	229	152	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	26.7	229	152	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	29.4	229	152	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	33.4	229	152	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
16"	38.7	229	152	457	487	507	537	557	587	607	637	667	687	707	737	767	787	807
18"	42.7	381	305	508	538	558	588	608	638	658	688	718	738	758	788	818	838	858
20"	45.4	381	305	558	588	608	638	658	688	708	738	768	788	808	838	868	888	908
24"	53.4	381	305	660	690	710	740	760	790	810	840	870	890	910	940	970	990	1010
30"	65.6	381	305	812	842	862	892	912	942	962	992	1022	1042	1062	1092	1122	1142	1162
36"	78.7	381	305	965	995	1015	1045	1065	1095	1115	1145	1175	1195	1215	1245	1275	1295	1315
42"	92.1	381	305	1117	1147	1167	1197	1217	1247	1267	1297	1327	1347	1367	1397	1427	1447	1467

Polyurethane Roller (Low Load)

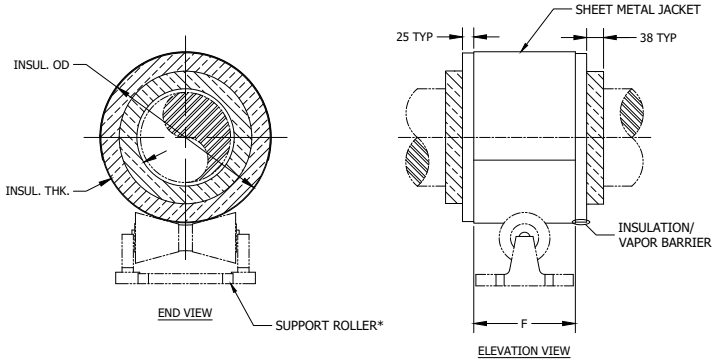
DESIGNATION EXAMPLE

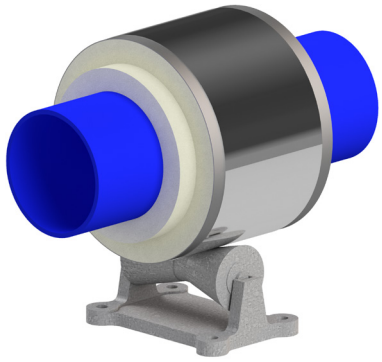
Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CRPF	8	75	230	5

Cold **R**oller **P**olyurethane **F**oam

LEGACY DESIGNATION:
CR-3000; CR-3100

METRIC





* - All hardware sold separately.

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instruc

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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Notes:
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PIPE SIZE	VERT. LOAD (kN)	F (mm)	INSULATION THICKNESS														
			25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
			INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)
1/2"	0.2	229	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	0.2	229	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	0.3	229	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	0.4	229	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	0.7	229	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	0.8	229	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	1	229	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	1.4	229	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	2	229	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	2.4	229	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	2.6	229	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	3.7	229	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	4	229	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
16"	4.3	229	457	487	507	537	557	587	607	637	667	687	707	737	767	787	807
18"	4.8	229	508	538	558	588	608	638	658	688	718	738	758	788	818	838	858
20"	5.1	229	558	588	608	638	658	688	708	738	768	788	808	838	868	888	908
24"	5.6	229	660	690	710	740	760	790	810	840	870	890	910	940	970	990	1010
30"	6	229	812	842	862	892	912	942	962	992	1022	1042	1062	1092	1122	1142	1162
36"	6	229	965	995	1015	1045	1065	1095	1115	1145	1175	1195	1215	1245	1275	1295	1315
42"	6	229	1117	1147	1167	1197	1217	1247	1267	1297	1327	1347	1367	1397	1427	1447	1467

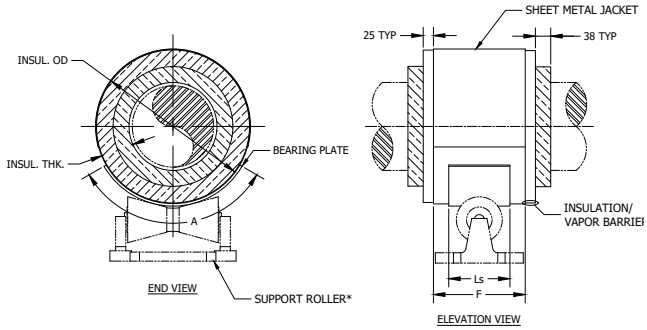
Polyurethane Roller (Medium Load)

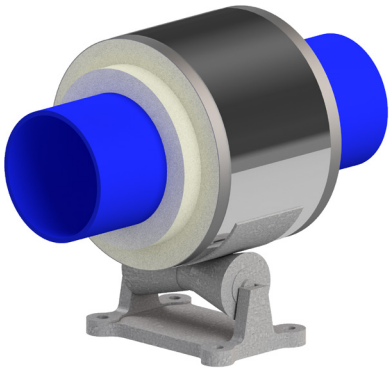
LEGACY DESIGNATION:
CR-4000; CR-4100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CRPF	8	75	230	15

Cold **R**oller **P**olyurethane **F**oam





METRIC

* - All hardware sold separately.

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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Notes:
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PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	INSULATION THICKNESS													
				25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
				INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)
1/2"	0.7	229	152	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	0.9	229	152	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	1.1	229	152	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	1.6	229	152	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	2	229	152	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	2.4	229	152	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	2.9	229	152	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	3.8	229	152	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	5.6	229	152	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	7.3	229	152	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	8.3	305	229	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	15.1	305	229	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	15.6	305	229	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
16"	17.6	305	229	457	487	507	537	557	587	607	637	667	687	707	737	767	787	807
18"	19.1	305	229	508	538	558	588	608	638	658	688	718	738	758	788	818	838	858
20"	20.2	305	229	558	588	608	638	658	688	708	738	768	788	808	838	868	888	908
24"	22	305	229	660	690	710	740	760	790	810	840	870	890	910	940	970	990	1010
30"	24.2	305	229	812	842	862	892	912	942	962	992	1022	1042	1062	1092	1122	1142	1162
36"	28.7	305	229	965	995	1015	1045	1065	1095	1115	1145	1175	1195	1215	1245	1275	1295	1315
42"	33.1	305	229	1117	1147	1167	1197	1217	1247	1267	1297	1327	1347	1367	1397	1427	1447	1467

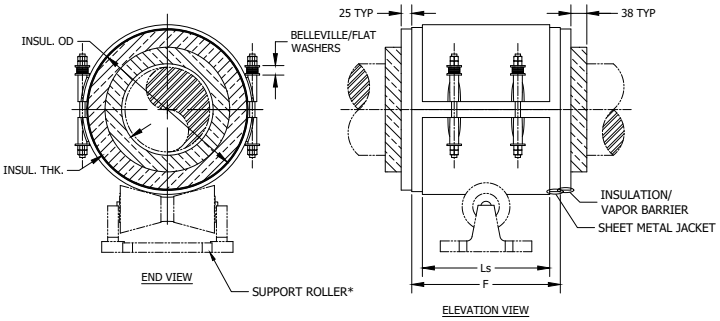
Polyurethane Roller (High Load)

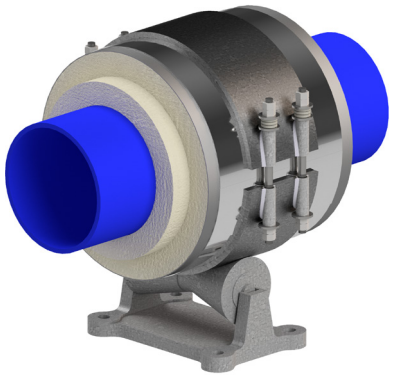
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CRPF	8	75	230	92

Cold **R**oller **P**olyurethane **F**oam

METRIC





* - All hardware sold separately.

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

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Notes:
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PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	INSULATION THICKNESS													
				25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
				INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)
1/2"	0.9	229	152	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	1	229	152	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
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1-1/2"	2.1	229	152	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	2.7	229	152	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	3.2	229	152	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	7.1	229	152	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
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10"	26.7	229	152	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
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24"	53.4	381	305	660	690	710	740	760	790	810	840	870	890	910	940	970	990	1010
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36"	78.7	381	305	965	995	1015	1045	1065	1095	1115	1145	1175	1195	1215	1245	1275	1295	1315
42"	92.1	381	305	1117	1147	1167	1197	1217	1247	1267	1297	1327	1347	1367	1397	1427	1447	1467

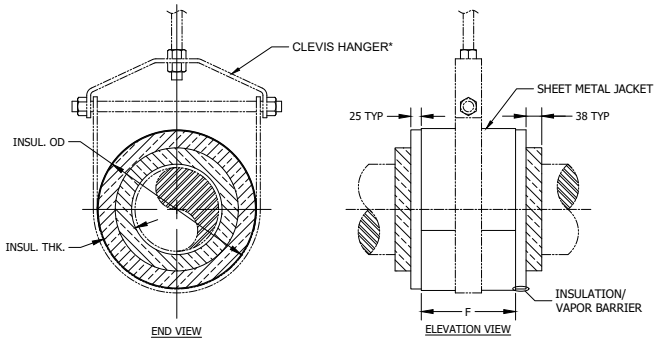
Polyurethane Clevis (Low Load)

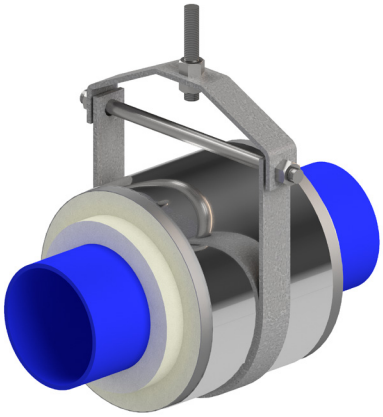
LEGACY DESIGNATION: CC-1000, CC-2000

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CCPF	8	75	230	5

Cold **C**levis **P**olyurethane **F**oam





* - All hardware sold separately.

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
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Ordering Instructions:

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- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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METRIC

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (kN)	F (mm)	INSULATION THICKNESS														
			25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
			INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)
1/2"	0.2	229	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	0.2	229	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	0.3	229	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	0.5	229	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	0.7	229	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	1	229	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	1.2	229	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	1.7	229	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	2.6	229	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	3.6	229	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	4.9	229	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	5.8	229	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	6.7	229	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
16"	7.6	229	457	487	507	537	557	587	607	637	667	687	707	737	767	-	-
18"	8.5	229	508	538	558	588	608	638	658	688	718	738	758	-	-	-	-
20"	9.3	229	558	588	608	638	658	688	708	738	768	-	-	-	-	-	-
24"	10.7	229	660	690	710	740	760	790	810	840	870	-	-	-	-	-	-

Polyurethane Clevis (Medium Load)

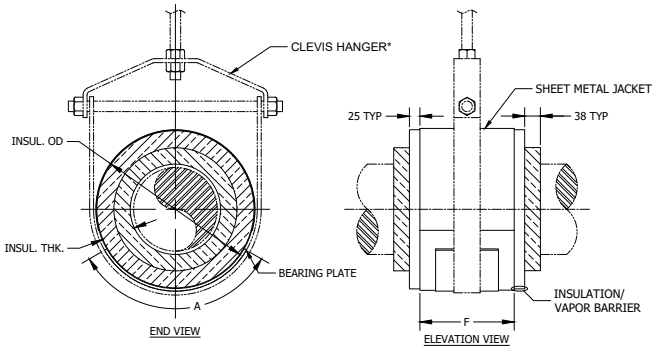
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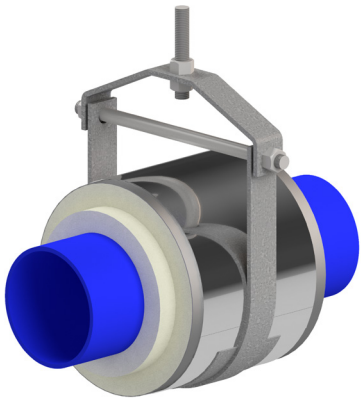
METRIC

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CCPF	8	75	230	9

Cold **C**levis **P**olyurethane **F**oam





* - All hardware sold separately.

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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Notes:
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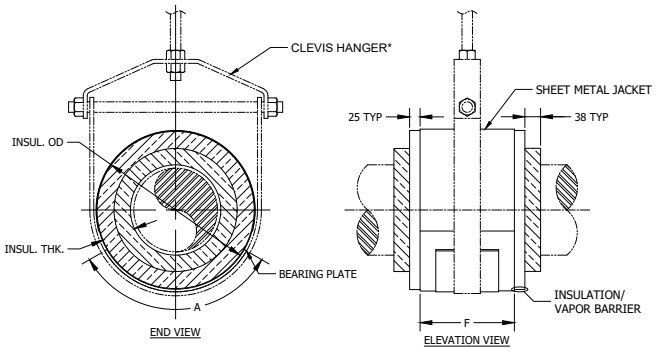
PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	INSULATION THICKNESS													
				25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
				INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)
1/2"	0.7	229	152	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	0.9	229	152	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	1.1	229	152	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	1.6	229	152	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	2	229	152	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	2.4	229	152	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	2.9	229	152	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	3.8	229	152	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	5.6	229	152	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	7.3	229	152	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	9	229	152	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	10.7	229	152	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	11.7	229	152	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
16"	13.4	229	152	457	487	507	537	557	587	607	637	667	687	707	737	767	-	-
18"	15.1	229	152	508	538	558	588	608	638	658	688	718	738	758	-	-	-	-
20"	16.8	229	152	558	588	608	638	658	688	708	738	768	-	-	-	-	-	-
24"	20.1	229	152	660	690	710	740	760	790	810	840	870	-	-	-	-	-	-

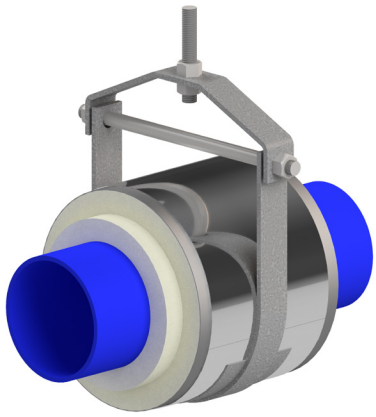
Polyurethane Clevis (High Load)

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CCPF	8	75	230	16

Cold **C**levis **P**olyurethane **F**oam





METRIC

* - All hardware sold separately.

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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Notes:
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PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	INSULATION THICKNESS													
				25 mm	40 mm	50 mm	65 mm	75 mm	90 mm	100 mm	115 mm	130 mm	140 mm	150 mm	165 mm	180 mm	190 mm	200 mm
				INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)	INSUL. OD (mm)
1/2"	1.4	229	152	72	102	122	152	172	202	222	252	282	302	322	352	382	402	422
3/4"	1.8	229	152	77	107	127	157	177	207	227	257	287	307	327	357	387	407	427
1"	2.2	229	152	84	114	134	164	184	214	234	264	294	314	334	364	394	414	434
1-1/2"	3.2	229	152	99	129	149	179	199	229	249	279	309	329	349	379	409	429	449
2"	4	229	152	111	141	161	191	211	241	261	291	321	341	361	391	421	441	461
2-1/2"	4.8	229	152	124	154	174	204	224	254	274	304	334	354	374	404	434	454	474
3"	5.9	229	152	139	169	189	219	239	269	289	319	349	369	389	419	449	469	489
4"	8.6	229	152	165	195	215	245	265	295	315	345	375	395	415	445	475	495	515
6"	8.9	229	152	219	249	269	299	319	349	369	399	429	449	469	499	529	549	569
8"	16	229	152	270	300	320	350	370	400	420	450	480	500	520	550	580	600	620
10"	16.9	229	152	324	354	374	404	424	454	474	504	534	554	574	604	634	654	674
12"	18.7	229	152	374	404	424	454	474	504	524	554	584	604	624	654	684	704	724
14"	20.5	229	152	406	436	456	486	506	536	556	586	616	636	656	686	716	736	756
16"	21.4	229	152	457	487	507	537	557	587	607	637	667	687	707	737	767	-	-
18"	21.4	229	152	508	538	558	588	608	638	658	688	718	738	758	-	-	-	-
20"	21.4	229	152	558	588	608	638	658	688	708	738	768	-	-	-	-	-	-
24"	21.4	229	152	660	690	710	740	760	790	810	840	870	-	-	-	-	-	-

Polyurethane Hanging (Low Load)

LEGACY DESIGNATION:

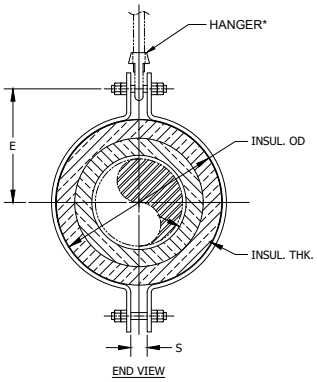
CH-1000; CH-1100

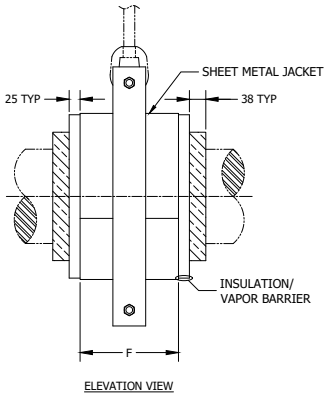
DESIGNATION EXAMPLE

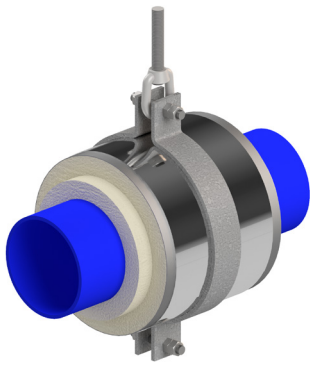
Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CHPF	8	75	230	5

Cold **H**anging **P**olyurethane **F**oam

METRIC







* - All hardware sold separately.

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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Notes:

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PIPE SIZE	VERT. LOAD (kN)	F (mm)	S (mm)	B (mm)	INSULATION THICKNESS									
					25 mm		40 mm		50 mm		65 mm		75 mm	
					INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)
1"	2.3	229	25	13	84	71	114	84	134	102	164	114	184	127
1-1/2"	2.7	229	25	13	99	76	129	89	149	114	179	127	199	140
2"	2.7	229	25	13	111	84	141	102	161	114	191	127	211	140
2-1/2"	3.6	229	25	13	124	89	154	114	174	127	204	140	224	160
3"	5	229	25	16	139	102	169	114	189	135	219	147	239	160
4"	7.7	229	32	19	165	122	195	135	215	147	245	160	265	178
6"	12	229	38	22	219	152	249	165	269	178	299	191	319	211
8"	16	229	44	25	270	203	300	224	320	236	350	249	370	267
10"	16.1	229	44	25	324	236	354	249	374	267	404	279	424	292
12"	20.7	229	51	29	374	267	404	279	424	300	454	312	474	325
14"	20.7	229	51	29	406	279	436	300	456	312	486	325	506	338
16"	30.3	229	64	35	457	318	487	330	507	343	537	356	557	368
18"	30.3	229	64	35	508	343	538	356	558	368	588	401	608	414
20"	35.5	229	64	35	558	381	588	401	608	414	638	427	658	439
24"	45.7	305	76	44	660	439	690	452	710	470	740	483	760	495
30"	47.2	305	76	44	812	521	842	533	862	546	892	559	912	572
36"	57.9	305	89	51	965	622	995	635	1015	648	1045	660	1065	681
42"	57.9	305	89	51	1117	719	1147	732	1167	744	1197	757	1217	770

Polyurethane Hanging (Medium Load)

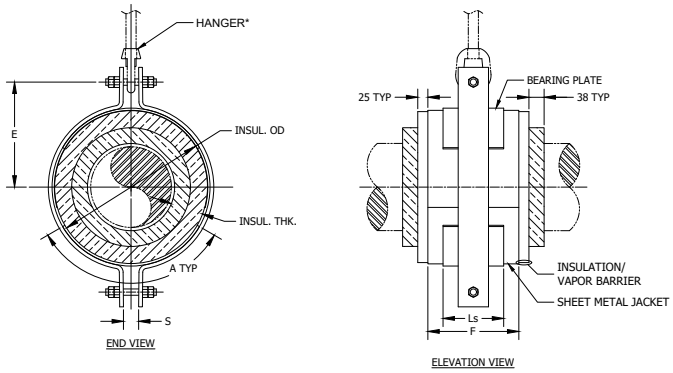
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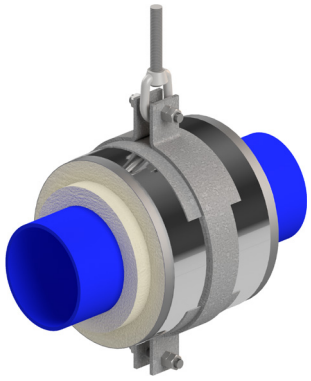
CH-2000; CH-2100

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CHPF	8	75	230	22

Cold **H**anging **P**olyurethane **F**oam





* - All hardware sold separately.

METRIC

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	S (mm)	B (mm)	INSULATION THICKNESS									
						25 mm		40 mm		50 mm		65 mm		75 mm	
						INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)
1"	5	229	152	25	16	84	71	114	84	134	102	164	114	184	135
1-1/2"	7.3	229	152	25	16	99	84	129	97	149	122	179	135	199	147
2"	7.6	229	152	25	16	111	89	141	109	161	122	191	135	211	147
2-1/2"	8	229	152	32	19	124	97	154	122	174	135	204	147	224	160
3"	12	229	152	38	22	139	109	169	122	189	135	219	152	239	165
4"	15.3	305	229	44	25	165	127	195	140	215	152	245	165	265	185
6"	22	305	229	51	29	219	178	249	191	269	203	299	224	319	236
8"	32.1	305	229	64	35	270	216	300	229	320	241	350	262	370	274
10"	32.3	305	229	64	35	324	241	354	262	374	274	404	292	424	305
12"	41.5	305	229	64	38	374	262	404	274	424	300	454	312	474	325
14"	41.5	305	229	64	38	406	274	436	300	456	312	486	325	506	338
16"	51	305	229	76	44	457	330	487	343	507	363	537	376	557	389
18"	51	305	229	76	44	508	363	538	376	558	389	588	401	608	414
20"	73.8	305	229	102	57	558	414	588	427	608	439	638	452	658	465
24"	84.5	381	305	102	57	660	465	690	483	710	495	740	508	760	521
30"	91.7	381	305	102	57	812	559	842	579	862	592	892	605	912	617
36"	110.8	381	305	108	64	965	648	995	660	1015	673	1045	686	1065	699
42"	110.8	381	305	108	64	1117	724	1147	737	1167	749	1197	770	1217	782

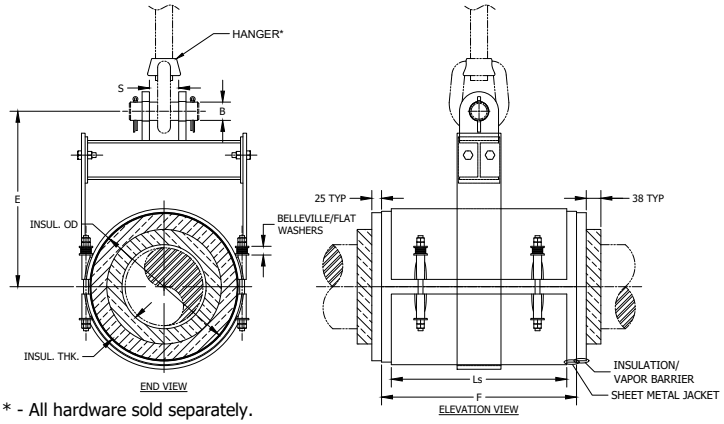
Polyurethane Hanging (High Load)

METRIC

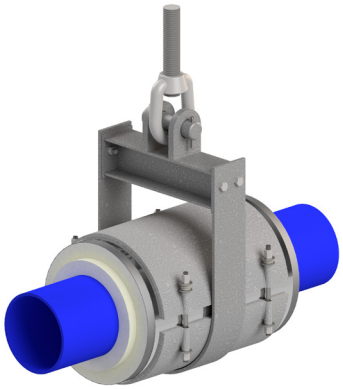
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CHPF	8	75	230	213

Cold **H**anging **P**olyurethane **F**oam



* - All hardware sold separately.



Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
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- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

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Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

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PIPE SIZE	VERT. LOAD (kN)	F (mm)	Ls (mm)	S (mm)	B (mm)	INSULATION THICKNESS									
						25 mm		40 mm		50 mm		65 mm		75 mm	
						INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)	INSUL. OD (mm)	E (mm)
1"	2.8	381	305	25	16	84	254	114	254	134	279	164	305	184	305
1-1/2"	4.3	381	305	32	19	99	254	129	279	149	305	179	305	199	330
2"	5.3	381	305	32	19	111	254	141	279	161	305	191	305	211	330
2-1/2"	6.4	381	305	32	19	124	279	154	305	174	305	204	330	224	330
3"	14.1	381	305	38	22	139	305	169	305	189	330	219	330	239	356
4"	22.4	381	305	51	29	165	330	195	356	215	356	245	381	265	381
6"	34	381	305	64	35	219	356	249	381	269	381	299	432	319	432
8"	45.4	533	457	76	44	270	406	300	432	320	432	350	457	370	457
10"	53.4	533	457	76	44	324	432	354	457	374	457	404	483	424	483
12"	58.7	533	457	89	51	374	457	404	483	424	483	454	508	474	508
14"	66.7	533	457	89	51	406	483	436	483	456	508	486	508	506	533
16"	77.4	533	457	102	57	457	533	487	533	507	559	537	610	557	635
18"	85.4	533	457	102	57	508	559	538	559	558	635	588	635	608	660
20"	90.7	533	457	102	57	558	635	588	635	608	660	638	660	658	686
24"	96.1	533	457	108	64	660	737	690	762	710	762	740	787	760	787
30"	125.4	533	457	108	64	812	813	842	838	862	838	892	864	912	864
36"	146.8	533	457	114	70	965	889	995	914	1015	914	1045	940	1065	940
42"	165.5	533	457	127	76	1117	1041	1147	1041	1167	1067	1197	1067	1217	1092
48"	189.2	533	457	133	83	1270	1118	1300	1143	1320	1143	1350	1168	1370	1168
54"	213	533	457	140	89	1422	1194	1452	1219	1472	1219	1502	1245	1522	1245
56"	220.9	533	457	140	89	1473	1219	1503	1245	1523	1245	1553	1270	1573	1270
60"	236.7	533	457	140	89	1574	1270	1604	1295	1624	1295	1654	1321	1674	1321
66"	260.5	533	457	152	95	1727	1448	1757	1473	1777	1473	1807	1499	1827	1499
72"	284.2	533	457	152	95	1879	1549	1909	1575	1929	1575	1959	1600	1979	1600

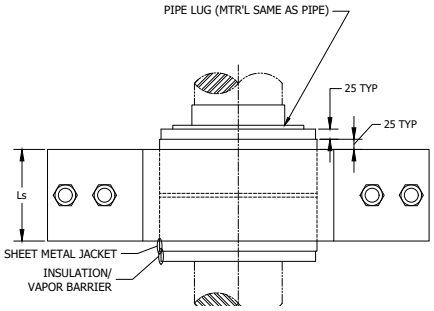
Polyurethane Riser (Low Load)

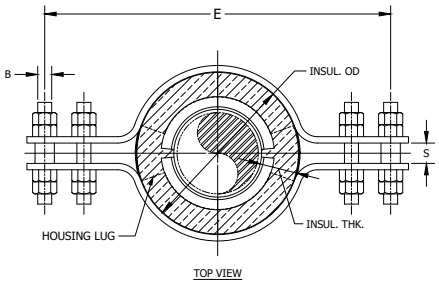
LEGACY DESIGNATION:
CV-2000

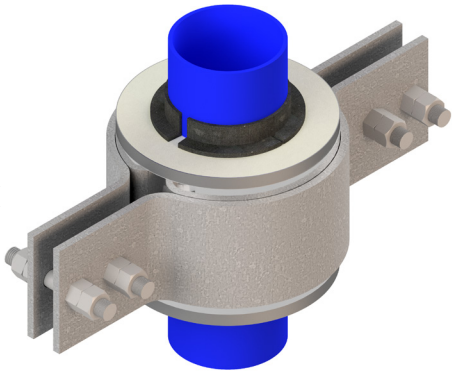
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CVPF	8	75	230	5

Cold **R**iser **P**olyurethane **F**oam







METRIC

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (kN)	B (mm)	S (mm)	INSULATION THICKNESS													
				25 mm			40 mm			50 mm			65 mm			75 mm		
				INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)
2"	1.1	13	32	111	368	76	141	406	76	161	432	76	191	457	76	211	483	76
2-1/2"	1.3	13	32	124	381	76	154	432	76	174	457	76	204	483	76	224	508	102
3"	1.8	13	32	139	406	76	169	432	76	189	457	76	219	483	76	239	508	102
4"	2.7	13	32	165	432	76	195	457	76	215	483	76	245	508	102	265	533	102
6"	4.4	13	32	219	483	76	249	508	102	269	533	102	299	559	102	319	584	102
8"	5.8	16	32	270	533	102	300	559	102	320	584	102	350	610	102	370	635	102
10"	7.1	16	32	324	584	102	354	610	102	374	635	102	404	660	102	424	686	102
12"	7.6	16	32	374	635	102	404	660	102	424	686	102	454	711	102	474	737	102
14"	8.9	16	32	406	660	102	436	686	102	456	711	102	486	737	102	506	762	102
16"	10.2	16	32	457	711	102	487	737	102	507	775	102	537	800	102	557	826	102
18"	11.1	16	32	508	775	102	538	800	102	558	826	102	588	851	102	608	876	102
20"	12	16	32	558	826	102	588	851	102	608	876	102	638	902	102	658	927	102
24"	12.5	16	32	660	927	102	690	953	102	710	978	127	740	1003	102	760	1029	102

Polyurethane Riser (Medium Load)

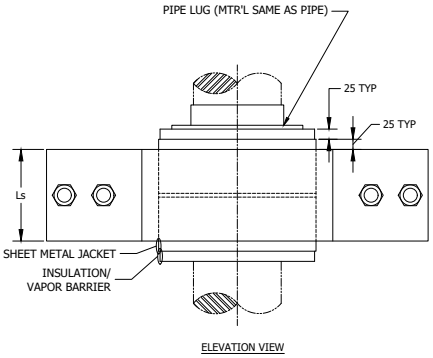
LEGACY DESIGNATION:
CV-2100

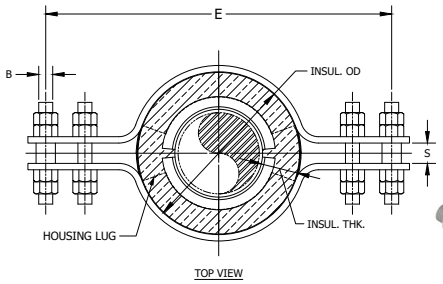
DESIGNATION EXAMPLE

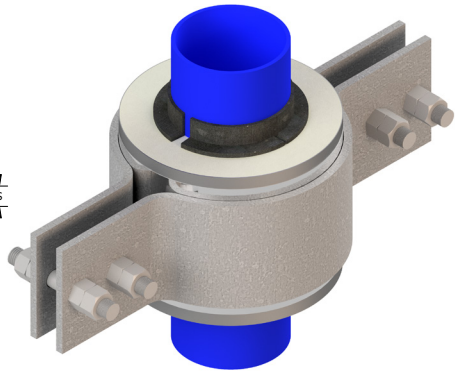
Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CVPF	8	75	230	36

Cold **R**iser **P**olyurethane **F**oam

METRIC







Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

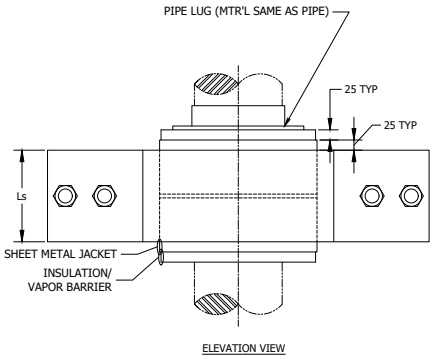
PIPE SIZE	VERT. LOAD (kN)	B (mm)	S (mm)	INSULATION THICKNESS													
				25 mm			40 mm			50 mm			65 mm			75 mm		
				INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)
2"	3.3	13	32	111	368	76	141	406	76	161	432	76	191	457	76	211	483	76
2-1/2"	4	13	32	124	381	76	154	432	76	174	457	76	204	483	76	224	508	76
3"	5.3	13	32	139	406	76	169	432	76	189	457	76	219	483	76	239	508	102
4"	8	16	32	165	432	102	195	457	102	215	483	102	245	508	102	265	533	102
6"	13.3	16	32	219	483	102	249	508	102	269	533	102	299	559	102	319	584	102
8"	17.3	19	32	270	546	102	300	572	102	320	597	102	350	622	102	370	648	102
10"	21.4	19	32	324	610	102	354	648	102	374	673	102	404	699	102	424	724	127
12"	22.7	22	38	374	686	127	404	711	127	424	737	127	454	762	127	474	787	152
14"	26.7	22	38	406	711	152	436	737	152	456	762	152	486	787	152	506	864	127
16"	30.7	25	44	457	787	152	487	813	152	507	876	127	537	902	127	557	927	127
18"	33.4	25	44	508	876	152	538	902	152	558	927	152	588	953	152	608	978	152
20"	36	25	44	558	927	152	588	953	178	608	978	178	638	1003	178	658	1029	178
24"	37.4	29	51	660	1054	152	690	1080	178	710	1105	178	740	1130	178	760	1156	178

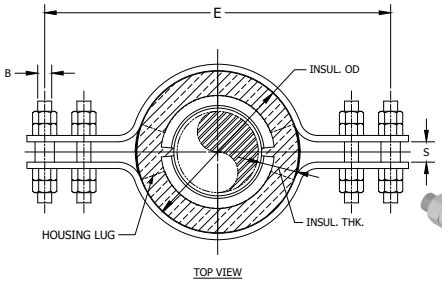
Polyurethane Riser (High Load)

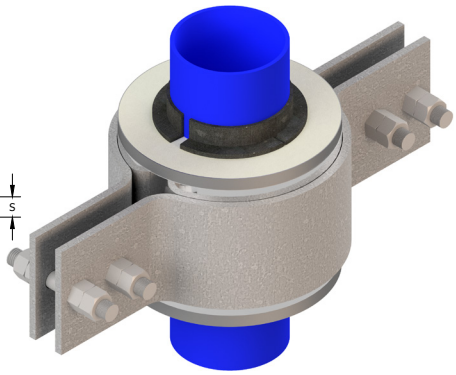
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	Support Length	Vertical Load
CVPF	- 8 x	75 -	230 -	72

Cold **R**iser **P**olyurethane **F**oam







METRIC

Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 HDG bolts/studs can be provided in galvanized, plated, painted, or no finish

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- Support Length (As Shown in Tables or Custom)
- Vertical Load (As Shown in Tables or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in inches unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	VERT. LOAD (kN)	B (mm)	S (mm)	INSULATION THICKNESS													
				25 mm			40 mm			50 mm			65 mm			75 mm		
				INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)	INSUL. OD (mm)	E (mm)	Ls (mm)
2"	6.7	16	32	111	368	76	141	406	76	161	432	76	191	457	102	211	483	102
2-1/2"	8	16	32	124	381	76	154	432	102	174	457	102	204	483	102	224	508	102
3"	10.7	16	32	139	406	76	169	432	102	189	457	102	219	483	102	239	508	102
4"	16	19	32	165	432	102	195	457	102	215	483	102	245	508	102	265	546	102
6"	26.7	22	38	219	533	102	249	559	102	269	584	127	299	610	127	319	635	127
8"	34.7	25	44	270	597	152	300	622	152	320	648	152	350	724	127	370	749	127
10"	42.7	29	51	324	711	127	354	749	152	374	775	152	404	800	152	424	826	152
12"	45.4	29	51	374	775	152	404	800	152	424	826	152	454	851	152	474	876	152
14"	53.4	32	57	406	813	178	436	838	178	456	864	178	486	889	178	506	914	178
16"	61.4	35	64	457	889	178	487	914	178	507	940	178	537	965	178	557	991	178
18"	66.7	35	64	508	940	178	538	965	178	558	991	178	588	1054	152	608	1080	152
20"	72.1	35	64	558	1029	178	588	1054	178	608	1080	178	638	1105	178	658	1130	178
24"	74.7	38	64	660	1156	178	690	1181	178	710	1207	178	740	1232	203	760	1257	203

Insulated Guided (90 degree) Single Layer

DESIGNATION EXAMPLE

Model No. | Nominal Pipe Size | Insulation Thickness | BOP (mm)

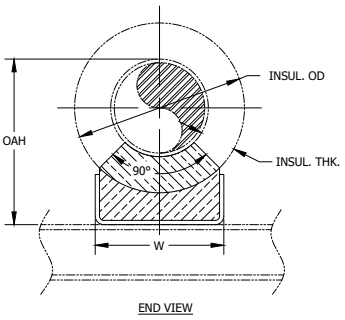
IG(90)SL - 8 x 75 - 150

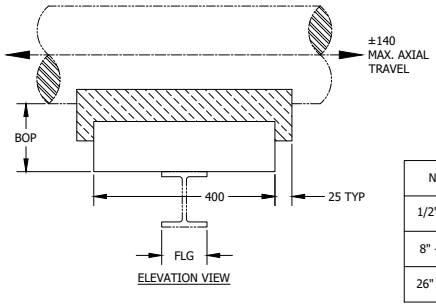
Insulated **G**uided (90 degree) **S**ingle **L**ayer

LEGACY DESIGNATION:

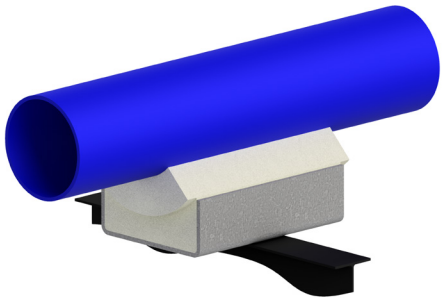
IG-90-SL-R

METRIC





NPS	FLG (MIN)
1/2" - 6"	75
8" - 24"	150
26" - 72"	200



Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)

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Notes:

1) Dimensions in millimeters unless noted

2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	INSULATION THICKNESS																			
	25 mm				40 mm				50 mm				60 mm				75 mm			
	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)
1/2"	102	1.1	124	51	102	1.5	124	70	102	1.9	124	86	102	2.5	124	105	152	2.8	175	124
3/4"	102	1.1	127	54	102	1.5	127	73	102	1.9	127	92	102	2.5	127	108	152	2.8	178	127
1"	102	1.3	137	60	102	1.7	137	76	102	2.1	137	95	102	2.5	137	114	152	2.8	187	130
1-1/4"	102	1.4	143	67	102	1.8	143	83	102	2.4	143	102	102	2.7	143	121	152	3	194	137
1-1/2"	102	1.5	149	70	102	1.9	149	89	102	2.5	149	105	102	2.8	149	124	152	3.2	200	143
2"	102	1.7	162	79	102	2.1	162	95	102	2.4	162	114	102	2.8	162	133	152	3.2	213	149
3"	102	2.1	191	98	102	2.6	191	117	102	2.9	191	133	102	3.3	191	152	152	3.7	241	171
4"	102	2.4	216	117	102	2.8	216	133	102	3.2	216	152	102	3.5	216	171	152	4	267	187
6"	102	3	270	156	102	3.6	270	171	102	4.2	270	191	102	4.3	270	210	152	4.7	321	225
8"	102	5.8	321	191	102	6.7	321	210	102	7	321	225	152	7.7	371	244	152	8.2	371	264
10"	102	10.7	375	229	102	11.6	375	248	102	12.5	375	264	152	13.3	425	283	152	14.1	425	302
12"	102	18.5	425	264	102	20	425	283	102	21.2	425	302	152	22.5	476	318	152	23.7	476	337
14"	102	20.1	457	289	102	21.3	457	305	102	22.6	457	324	152	23.8	508	340	152	25.1	508	359
16"	102	24.3	508	324	102	24.8	508	340	152	25.6	559	359	152	26	559	378	152	27.5	559	394
18"	102	41.8	559	359	102	43.8	559	378	152	45.9	610	394	152	48	610	413	152	50.1	610	432
20"	102	45.9	610	394	102	48	610	413	152	50.1	660	432	152	52.1	660	448	152	54.2	660	467
24"	102	72.3	711	467	102	75	711	486	152	77.8	762	502	152	80.6	762	521	152	83.4	762	540
30"	102	141.5	864	575	152	146.5	914	594	152	151.5	914	610	152	156.6	914	629	152	161.6	914	648
36"	102	151.5	1016	683	152	156.6	1067	702	152	161.6	1067	718	152	166.6	1067	737	152	171.7	1067	756
42"	102	161.6	1168	791	152	166.6	1219	810	152	171.7	1219	826	152	176.7	1219	845	152	181.7	1219	864
48"	102	171.7	1321	899	152	176.7	1372	914	152	181.7	1372	933	152	186.8	1372	953	152	191.8	1372	968
52"	102	181.7	1422	968	152	186.8	1473	987	152	191.8	1473	1006	152	196.8	1473	1022	152	201.9	1473	1041
60"	102	191.8	1626	1114	152	196.8	1676	1130	152	201.9	1676	1149	152	206.9	1676	1168	152	211.9	1676	1184

Insulated Guided (90 degree) Single Layer

LEGACY DESIGNATION:
IG-90-SL-R

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)
IG(90)SL	- 8 x	75	- 150

Insulated **G**uided (90 degree) **S**ingle **L**ayer

METRIC

PIPE SIZE	INSULATION THICKNESS																			
	90 mm				100 mm				115 mm				130 mm				140 mm			
	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)
1/2"	152	3.2	175	140	152	3.5	175	159	152	3.9	175	178	203	4.3	225	194	203	4.6	225	213
3/4"	152	3.2	178	146	152	3.5	178	162	152	3.9	178	181	203	4.3	229	200	203	4.6	229	216
1"	152	3.2	187	149	152	3.6	187	168	152	3.9	187	184	203	4.3	238	203	203	4.6	238	222
1-1/4"	152	3.3	194	156	152	3.5	194	175	152	3.9	194	191	203	4.1	244	210	203	4.9	244	229
1-1/2"	152	3.5	200	159	152	4	200	178	152	4.3	200	197	203	4.7	251	213	203	5	251	232
2"	152	3.5	213	168	152	4	213	187	152	4.3	213	203	203	4.7	264	222	203	5	264	241
3"	152	4.1	241	187	152	4.5	241	206	152	4.8	241	225	203	5.2	292	241	203	5.5	292	260
4"	152	4.3	267	206	152	4.7	267	225	152	5.2	267	241	203	5.5	318	260	203	5.9	318	279
6"	152	5.1	321	244	152	5.5	321	264	152	5.9	321	279	203	6.3	371	298	203	6.7	371	318
8"	152	8.8	371	279	152	9.3	371	298	203	10	422	318	203	10.5	422	333	203	11.1	422	352
10"	152	15	425	318	152	15.8	425	337	203	16.9	476	356	203	17.9	476	371	203	19.4	476	391
12"	152	24.9	476	356	152	26.4	476	371	203	27.5	527	391	203	28.3	527	410	203	29.1	527	425
14"	152	26.3	508	378	152	27.5	508	394	203	28.8	559	413	203	28.9	559	432	203	29.7	559	448
16"	152	28.8	559	413	203	30	610	432	203	31.3	610	448	203	32.5	610	467	203	33.8	610	486
18"	152	52.1	610	448	203	54.2	660	467	203	56.3	660	486	203	58.4	660	502	203	60.4	660	521
20"	152	56.3	660	486	203	58.4	711	502	203	60.4	711	521	203	62.5	711	540	203	64.6	711	556
24"	152	86.1	762	556	203	88.9	813	575	203	91.7	813	594	203	94.4	813	610	203	97.2	813	629
30"	203	166.6	965	664	203	171.7	965	683	203	176.7	965	702	203	181.7	965	718	254	186.8	1016	737
36"	203	176.7	1118	772	203	181.7	1118	791	203	186.8	1118	810	203	191.8	1118	826	254	196.8	1168	845
42"	203	186.8	1270	879	203	191.8	1270	899	203	196.8	1270	914	203	201.9	1270	933	254	206.9	1321	953
48"	203	196.8	1422	987	203	201.9	1422	1006	203	206.9	1422	1022	203	211.9	1422	1041	254	217	1473	1060
52"	203	206.9	1524	1060	203	211.9	1524	1076	203	217	1524	1095	203	222	1524	1114	254	227	1575	1130
60"	203	217	1727	1203	203	222	1727	1222	203	227	1727	1238	203	232.1	1727	1257	254	237.1	1778	1276

PIPE SIZE	INSULATION THICKNESS															
	150 mm				165 mm				180 mm				190 mm			
	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)
1/2"	203	5	225	232	203	5.4	225	248	254	5.7	276	267	254	6.1	276	286
3/4"	203	5	229	235	203	5.4	229	251	254	5.7	279	270	254	6.1	279	289
1"	203	5	238	238	203	5.4	238	257	254	5.7	289	276	254	6.1	289	292
1-1/4"	203	5.2	244	244	203	5.5	244	264	254	5.7	295	283	254	6	295	298
1-1/2"	203	5.4	251	251	203	5.7	251	267	254	6.1	302	286	254	6.5	302	305
2"	203	5.4	264	257	203	5.7	264	276	254	6.1	314	295	254	6.5	314	311
3"	203	5.9	292	279	203	6.2	292	295	254	6.6	343	314	254	7	343	333
4"	203	6.2	318	295	203	6.6	318	314	254	7	368	333	254	7.3	368	349
6"	203	7	371	333	203	7.4	371	352	254	7.7	422	371	254	8.1	422	387
8"	203	11.6	422	371	254	12.2	473	387	254	12.7	473	406	254	13.3	473	425
10"	203	20.4	476	410	254	21.3	527	425	254	21.9	527	445	254	22.4	527	464
12"	203	30	527	445	254	30.8	578	464	254	31.6	578	479	254	32.4	578	498
14"	203	30.6	559	467	254	31.4	610	486	254	32.2	610	502	254	33.1	610	521
16"	254	35	660	502	254	36.3	660	521	254	37.5	660	540	254	38.8	660	556
18"	254	62.5	711	540	254	64.6	711	556	254	66.7	711	575	254	68.7	711	594
20"	254	66.7	762	575	254	68.7	762	594	254	70.8	762	610	254	72.9	762	629
24"	254	100	864	648	254	102.7	864	664	254	105.5	864	683	254	108.3	864	702
30"	254	191.8	1016	756	254	196.8	1016	772	254	201.9	1016	791	305	206.9	1067	810
36"	254	201.9	1168	864	254	206.9	1168	879	254	211.9	1168	899	305	217	1219	914
42"	254	211.9	1321	968	254	217	1321	987	254	222	1321	1006	305	227	1372	1022
48"	254	222	1473	1076	254	227	1473	1095	254	232.1	1473	1114	305	237.1	1524	1130
52"	254	232.1	1575	1149	254	237.1	1575	1168	254	242.1	1575	1184	305	247.2	1626	1203
60"	254	242.1	1778	1292	254	247.2	1778	1311	254	252.2	1778	1330	305	257.2	1829	1346

Insulated Guided (90 degree) Double Layer

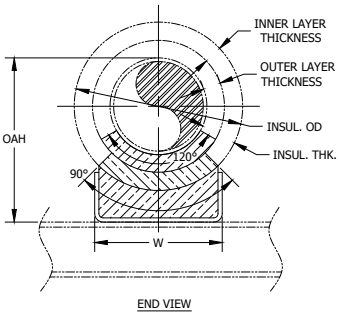
LEGACY DESIGNATION: IG-90-DL-R

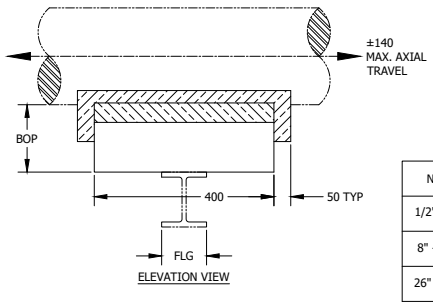
DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)
IG(90)DL	8	75	150

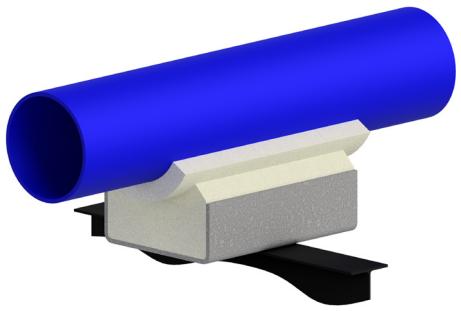
Insulated Guided (90 degree) Double Layer

METRIC





NPS	FLG (MIN)
1/2" - 6"	75
8" - 24"	150
26" - 72"	200



Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	INSULATION THICKNESS																			
	25 mm				40 mm				50 mm				60 mm				75 mm			
	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)
1/2"	102	1.1	124	51	102	1.5	124	70	102	1.9	124	86	102	2.5	124	105	152	2.8	175	124
3/4"	102	1.1	127	54	102	1.5	127	73	102	1.9	127	92	102	2.5	127	108	152	2.8	178	127
1"	102	1.3	137	60	102	1.7	137	76	102	2.1	137	95	102	2.5	137	114	152	2.8	187	130
1-1/4"	102	1.4	143	67	102	1.8	143	83	102	2.4	143	102	102	2.7	143	121	152	3	194	137
1-1/2"	102	1.5	149	70	102	1.9	149	89	102	2.5	149	105	102	2.8	149	124	152	3.2	200	143
2"	102	1.7	162	79	102	2.1	162	95	102	2.4	162	114	102	2.8	162	133	152	3.2	213	149
3"	102	2.1	191	98	102	2.6	191	117	102	2.9	191	133	102	3.3	191	152	152	3.7	241	171
4"	102	2.4	216	117	102	2.8	216	133	102	3.2	216	152	102	3.5	216	171	152	4	267	187
6"	102	3	270	156	102	3.6	270	171	102	4.2	270	191	102	4.3	270	210	152	4.7	321	225
8"	102	5.8	321	191	102	6.7	321	210	102	7	321	225	152	7.7	371	244	152	8.2	371	264
10"	102	10.7	375	229	102	11.6	375	248	102	12.5	375	264	152	13.3	425	283	152	14.1	425	302
12"	102	18.5	425	264	102	20	425	283	102	21.2	425	302	152	22.5	476	318	152	23.7	476	337
14"	102	20.1	457	289	102	21.3	457	305	102	22.6	457	324	152	23.8	508	340	152	25.1	508	359
16"	102	24.3	508	324	102	24.8	508	340	152	25.6	559	359	152	26	559	378	152	27.5	559	394
18"	102	41.8	559	359	102	43.8	559	378	152	45.9	610	394	152	48	610	413	152	50.1	610	432
20"	102	45.9	610	394	102	48	610	413	152	50.1	660	432	152	52.1	660	448	152	54.2	660	467
24"	102	72.3	711	467	102	75	711	486	152	77.8	762	502	152	80.6	762	521	152	83.4	762	540
30"	102	141.5	864	575	152	146.5	914	594	152	151.5	914	610	152	156.6	914	629	152	161.6	914	648
36"	102	151.5	1016	683	152	156.6	1067	702	152	161.6	1067	718	152	166.6	1067	737	152	171.7	1067	756
42"	102	161.6	1168	791	152	166.6	1219	810	152	171.7	1219	826	152	176.7	1219	845	152	181.7	1219	864
48"	102	171.7	1321	899	152	176.7	1372	914	152	181.7	1372	933	152	186.8	1372	953	152	191.8	1372	968
52"	102	181.7	1422	968	152	186.8	1473	987	152	191.8	1473	1006	152	196.8	1473	1022	152	201.9	1473	1041
60"	102	191.8	1626	1114	152	196.8	1676	1130	152	201.9	1676	1149	152	206.9	1676	1168	152	211.9	1676	1184

Insulated Guided (90 degree) Double Layer

LEGACY DESIGNATION: IG-90-DL-R

DESIGNATION EXAMPLE

Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)
IG(90)DL	- 8 x	75	- 150

Insulated **G**uided (90 degree) **D**ouble **L**ayer

METRIC

PIPE SIZE	INSULATION THICKNESS																			
	90 mm				100 mm				115 mm				130 mm				140 mm			
	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)
1/2"	152	3.2	175	140	152	3.5	175	159	152	3.9	175	178	203	4.3	225	194	203	4.6	225	213
3/4"	152	3.2	178	146	152	3.5	178	162	152	3.9	178	181	203	4.3	229	200	203	4.6	229	216
1"	152	3.2	187	149	152	3.6	187	168	152	3.9	187	184	203	4.3	238	203	203	4.6	238	222
1-1/4"	152	3.3	194	156	152	3.5	194	175	152	3.9	194	191	203	4.1	244	210	203	4.9	244	229
1-1/2"	152	3.5	200	159	152	4	200	178	152	4.3	200	197	203	4.7	251	213	203	5	251	232
2"	152	3.5	213	168	152	4	213	187	152	4.3	213	203	203	4.7	264	222	203	5	264	241
3"	152	4.1	241	187	152	4.5	241	206	152	4.8	241	225	203	5.2	292	241	203	5.5	292	260
4"	152	4.3	267	206	152	4.7	267	225	152	5.2	267	241	203	5.5	318	260	203	5.9	318	279
6"	152	5.1	321	244	152	5.5	321	264	152	5.9	321	279	203	6.3	371	298	203	6.7	371	318
8"	152	8.8	371	279	152	9.3	371	298	203	10	422	318	203	10.5	422	333	203	11.1	422	352
10"	152	15	425	318	152	15.8	425	337	203	16.9	476	356	203	17.9	476	371	203	19.4	476	391
12"	152	24.9	476	356	152	26.4	476	371	203	27.5	527	391	203	28.3	527	410	203	29.1	527	425
14"	152	26.3	508	378	152	27.5	508	394	203	28.8	559	413	203	28.9	559	432	203	29.7	559	448
16"	152	28.8	559	413	203	30	610	432	203	31.3	610	448	203	32.5	610	467	203	33.8	610	486
18"	152	52.1	610	448	203	54.2	660	467	203	56.3	660	486	203	58.4	660	502	203	60.4	660	521
20"	152	56.3	660	486	203	58.4	711	502	203	60.4	711	521	203	62.5	711	540	203	64.6	711	556
24"	152	86.1	762	556	203	88.9	813	575	203	91.7	813	594	203	94.4	813	610	203	97.2	813	629
30"	203	166.6	965	664	203	171.7	965	683	203	176.7	965	702	203	181.7	965	718	254	186.8	1016	737
36"	203	176.7	1118	772	203	181.7	1118	791	203	186.8	1118	810	203	191.8	1118	826	254	196.8	1168	845
42"	203	186.8	1270	879	203	191.8	1270	899	203	196.8	1270	914	203	201.9	1270	933	254	206.9	1321	953
48"	203	196.8	1422	987	203	201.9	1422	1006	203	206.9	1422	1022	203	211.9	1422	1041	254	217	1473	1060
52"	203	206.9	1524	1060	203	211.9	1524	1076	203	217	1524	1095	203	222	1524	1114	254	227	1575	1130
60"	203	217	1727	1203	203	222	1727	1222	203	227	1727	1238	203	232.1	1727	1257	254	237.1	1778	1276

PIPE SIZE	INSULATION THICKNESS															
	150 mm				165 mm				180 mm				190 mm			
	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)
1/2"	203	5	225	232	203	5.4	225	248	254	5.7	276	267	254	6.1	276	286
3/4"	203	5	229	235	203	5.4	229	251	254	5.7	279	270	254	6.1	279	289
1"	203	5	238	238	203	5.4	238	257	254	5.7	289	276	254	6.1	289	292
1-1/4"	203	5.2	244	244	203	5.5	244	264	254	5.7	295	283	254	6	295	298
1-1/2"	203	5.4	251	251	203	5.7	251	267	254	6.1	302	286	254	6.5	302	305
2"	203	5.4	264	257	203	5.7	264	276	254	6.1	314	295	254	6.5	314	311
3"	203	5.9	292	279	203	6.2	292	295	254	6.6	343	314	254	7	343	333
4"	203	6.2	318	295	203	6.6	318	314	254	7	368	333	254	7.3	368	349
6"	203	7	371	333	203	7.4	371	352	254	7.7	422	371	254	8.1	422	387
8"	203	11.6	422	371	254	12.2	473	387	254	12.7	473	406	254	13.3	473	425
10"	203	20.4	476	410	254	21.3	527	425	254	21.9	527	445	254	22.4	527	464
12"	203	30	527	445	254	30.8	578	464	254	31.6	578	479	254	32.4	578	498
14"	203	30.6	559	467	254	31.4	610	486	254	32.2	610	502	254	33.1	610	521
16"	254	35	660	502	254	36.3	660	521	254	37.5	660	540	254	38.8	660	556
18"	254	62.5	711	540	254	64.6	711	556	254	66.7	711	575	254	68.7	711	594
20"	254	66.7	762	575	254	68.7	762	594	254	70.8	762	610	254	72.9	762	629
24"	254	100	864	648	254	102.7	864	664	254	105.5	864	683	254	108.3	864	702
30"	254	191.8	1016	756	254	196.8	1016	772	254	201.9	1016	791	305	206.9	1067	810
36"	254	201.9	1168	864	254	206.9	1168	879	254	211.9	1168	899	305	217	1219	914
42"	254	211.9	1321	968	254	217	1321	987	254	222	1321	1006	305	227	1372	1022
48"	254	222	1473	1076	254	227	1473	1095	254	232.1	1473	1114	305	237.1	1524	1130
52"	254	232.1	1575	1149	254	237.1	1575	1168	254	242.1	1575	1184	305	247.2	1626	1203
60"	254	242.1	1778	1292	254	247.2	1778	1311	254	252.2	1778	1330	305	257.2	1829	1346

Insulated Guided (180 degree) Single Layer

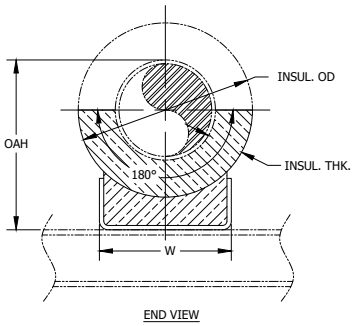
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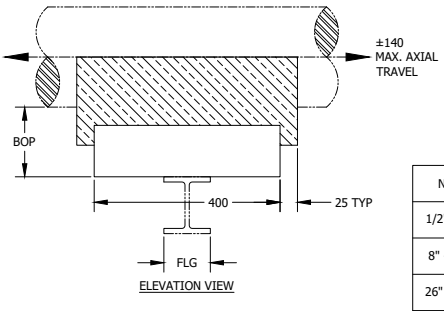
METRIC

DESIGNATION EXAMPLE

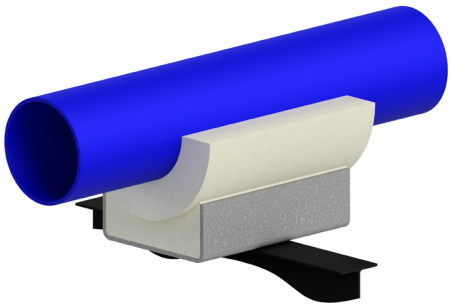
Model No.	Nominal Pipe Size	Insulation Thickness	BOP (mm)
IG(180)SL	- 8 x	75	- 150

Insulated Guided (180 degree) Single Layer





NPS	FLG (MIN)
1/2" - 6"	75
8" - 24"	150
26" - 72"	200



Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted
2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	INSULATION THICKNESS																			
	25 mm				40 mm				50 mm				60 mm				75 mm			
	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)
1/2"	102	1.1	124	51	102	1.5	124	70	102	1.9	124	86	102	2.5	124	105	152	2.8	175	124
3/4"	102	1.1	127	54	102	1.5	127	73	102	1.9	127	92	102	2.5	127	108	152	2.8	178	127
1"	102	1.3	137	60	102	1.7	137	76	102	2.1	137	95	102	2.5	137	114	152	2.8	187	130
1-1/4"	102	1.4	143	67	102	1.8	143	83	102	2.4	143	102	102	2.7	143	121	152	3	194	137
1-1/2"	102	1.5	149	70	102	1.9	149	89	102	2.5	149	105	102	2.8	149	124	152	3.2	200	143
2"	102	1.7	162	79	102	2.1	162	95	102	2.4	162	114	102	2.8	162	133	152	3.2	213	149
3"	102	2.1	191	98	102	2.6	191	117	102	2.9	191	133	102	3.3	191	152	152	3.7	241	171
4"	102	2.4	216	117	102	2.8	216	133	102	3.2	216	152	102	3.5	216	171	152	4	267	187
6"	102	3	270	156	102	3.6	270	171	102	4.2	270	191	102	4.3	270	210	152	4.7	321	225
8"	102	5.8	321	191	102	6.7	321	210	102	7	321	225	152	7.7	371	244	152	8.2	371	264
10"	102	10.7	375	229	102	11.6	375	248	102	12.5	375	264	152	13.3	425	283	152	14.1	425	302
12"	102	18.5	425	264	102	20	425	283	102	21.2	425	302	152	22.5	476	318	152	23.7	476	337
14"	102	20.1	457	289	102	21.3	457	305	102	22.6	457	324	152	23.8	508	340	152	25.1	508	359
16"	102	24.3	508	324	102	24.8	508	340	152	25.6	559	359	152	26	559	378	152	27.5	559	394
18"	102	41.8	559	359	102	43.8	559	378	152	45.9	610	394	152	48	610	413	152	50.1	610	432
20"	102	45.9	610	394	102	48	610	413	152	50.1	660	432	152	52.1	660	448	152	54.2	660	467
24"	102	72.3	711	467	102	75	711	486	152	77.8	762	502	152	80.6	762	521	152	83.4	762	540
30"	102	141.5	864	575	152	146.5	914	594	152	151.5	914	610	152	156.6	914	629	152	161.6	914	648
36"	102	151.5	1016	683	152	156.6	1067	702	152	161.6	1067	718	152	166.6	1067	737	152	171.7	1067	756
42"	102	161.6	1168	791	152	166.6	1219	810	152	171.7	1219	826	152	176.7	1219	845	152	181.7	1219	864
48"	102	171.7	1321	899	152	176.7	1372	914	152	181.7	1372	933	152	186.8	1372	953	152	191.8	1372	968
52"	102	181.7	1422	968	152	186.8	1473	987	152	191.8	1473	1006	152	196.8	1473	1022	152	201.9	1473	1041
60"	102	191.8	1626	1114	152	196.8	1676	1130	152	201.9	1676	1149	152	206.9	1676	1168	152	211.9	1676	1184

Insulated Guided (180 degree) Single Layer

LEGACY DESIGNATION: IG-180-SL-R

DESIGNATION EXAMPLE

Model No. | Nominal Pipe Size | Insulation Thickness | BOP (mm)

IG(180)SL - 8 x 75 - 150

Insulated Guided (180 degree) Single Layer

METRIC

PIPE SIZE	INSULATION THICKNESS																			
	90 mm				100 mm				115 mm				130 mm				140 mm			
	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)
1/2"	152	3.2	175	140	152	3.5	175	159	152	3.9	175	178	203	4.3	225	194	203	4.6	225	213
3/4"	152	3.2	178	146	152	3.5	178	162	152	3.9	178	181	203	4.3	229	200	203	4.6	229	216
1"	152	3.2	187	149	152	3.6	187	168	152	3.9	187	184	203	4.3	238	203	203	4.6	238	222
1-1/4"	152	3.3	194	156	152	3.5	194	175	152	3.9	194	191	203	4.1	244	210	203	4.9	244	229
1-1/2"	152	3.5	200	159	152	4	200	178	152	4.3	200	197	203	4.7	251	213	203	5	251	232
2"	152	3.5	213	168	152	4	213	187	152	4.3	213	203	203	4.7	264	222	203	5	264	241
3"	152	4.1	241	187	152	4.5	241	206	152	4.8	241	225	203	5.2	292	241	203	5.5	292	260
4"	152	4.3	267	206	152	4.7	267	225	152	5.2	267	241	203	5.5	318	260	203	5.9	318	279
6"	152	5.1	321	244	152	5.5	321	264	152	5.9	321	279	203	6.3	371	298	203	6.7	371	318
8"	152	8.8	371	279	152	9.3	371	298	203	10	422	318	203	10.5	422	333	203	11.1	422	352
10"	152	15	425	318	152	15.8	425	337	203	16.9	476	356	203	17.9	476	371	203	19.4	476	391
12"	152	24.9	476	356	152	26.4	476	371	203	27.5	527	391	203	28.3	527	410	203	29.1	527	425
14"	152	26.3	508	378	152	27.5	508	394	203	28.8	559	413	203	28.9	559	432	203	29.7	559	448
16"	152	28.8	559	413	203	30	610	432	203	31.3	610	448	203	32.5	610	467	203	33.8	610	486
18"	152	52.1	610	448	203	54.2	660	467	203	56.3	660	486	203	58.4	660	502	203	60.4	660	521
20"	152	56.3	660	486	203	58.4	711	502	203	60.4	711	521	203	62.5	711	540	203	64.6	711	556
24"	152	86.1	762	556	203	88.9	813	575	203	91.7	813	594	203	94.4	813	610	203	97.2	813	629
30"	203	166.6	965	664	203	171.7	965	683	203	176.7	965	702	203	181.7	965	718	254	186.8	1016	737
36"	203	176.7	1118	772	203	181.7	1118	791	203	186.8	1118	810	203	191.8	1118	826	254	196.8	1168	845
42"	203	186.8	1270	879	203	191.8	1270	899	203	196.8	1270	914	203	201.9	1270	933	254	206.9	1321	953
48"	203	196.8	1422	987	203	201.9	1422	1006	203	206.9	1422	1022	203	211.9	1422	1041	254	217	1473	1060
52"	203	206.9	1524	1060	203	211.9	1524	1076	203	217	1524	1095	203	222	1524	1114	254	227	1575	1130
60"	203	217	1727	1203	203	222	1727	1222	203	227	1727	1238	203	232.1	1727	1257	254	237.1	1778	1276

PIPE SIZE	INSULATION THICKNESS															
	150 mm				165 mm				180 mm				190 mm			
	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)
1/2"	203	5	225	232	203	5.4	225	248	254	5.7	276	267	254	6.1	276	286
3/4"	203	5	229	235	203	5.4	229	251	254	5.7	279	270	254	6.1	279	289
1"	203	5	238	238	203	5.4	238	257	254	5.7	289	276	254	6.1	289	292
1-1/4"	203	5.2	244	244	203	5.5	244	264	254	5.7	295	283	254	6	295	298
1-1/2"	203	5.4	251	251	203	5.7	251	267	254	6.1	302	286	254	6.5	302	305
2"	203	5.4	264	257	203	5.7	264	276	254	6.1	314	295	254	6.5	314	311
3"	203	5.9	292	279	203	6.2	292	295	254	6.6	343	314	254	7	343	333
4"	203	6.2	318	295	203	6.6	318	314	254	7	368	333	254	7.3	368	349
6"	203	7	371	333	203	7.4	371	352	254	7.7	422	371	254	8.1	422	387
8"	203	11.6	422	371	254	12.2	473	387	254	12.7	473	406	254	13.3	473	425
10"	203	20.4	476	410	254	21.3	527	425	254	21.9	527	445	254	22.4	527	464
12"	203	30	527	445	254	30.8	578	464	254	31.6	578	479	254	32.4	578	498
14"	203	30.6	559	467	254	31.4	610	486	254	32.2	610	502	254	33.1	610	521
16"	254	35	660	502	254	36.3	660	521	254	37.5	660	540	254	38.8	660	556
18"	254	62.5	711	540	254	64.6	711	556	254	66.7	711	575	254	68.7	711	594
20"	254	66.7	762	575	254	68.7	762	594	254	70.8	762	610	254	72.9	762	629
24"	254	100	864	648	254	102.7	864	664	254	105.5	864	683	254	108.3	864	702
30"	254	191.8	1016	756	254	196.8	1016	772	254	201.9	1016	791	305	206.9	1067	810
36"	254	201.9	1168	864	254	206.9	1168	879	254	211.9	1168	899	305	217	1219	914
42"	254	211.9	1321	968	254	217	1321	987	254	222	1321	1006	305	227	1372	1022
48"	254	222	1473	1076	254	227	1473	1095	254	232.1	1473	1114	305	237.1	1524	1130
52"	254	232.1	1575	1149	254	237.1	1575	1168	254	242.1	1575	1184	305	247.2	1626	1203
60"	254	242.1	1778	1292	254	247.2	1778	1311	254	252.2	1778	1330	305	257.2	1829	1346

Insulated Guided (180 degree) Double Layer

LEGACY DESIGNATION: IG-180-DL-R

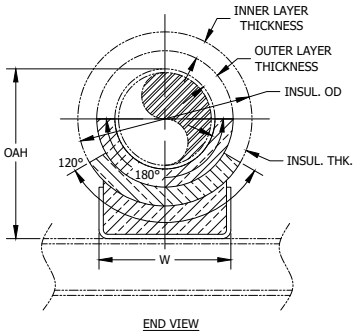
METRIC

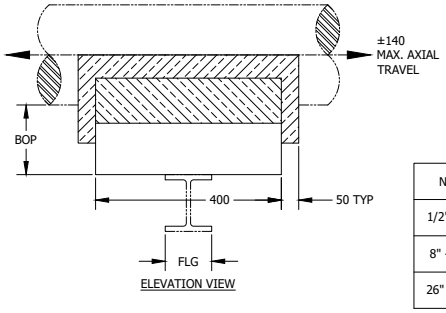
DESIGNATION EXAMPLE

Model No. | Nominal Pipe Size | Insulation Thickness | BOP (mm)

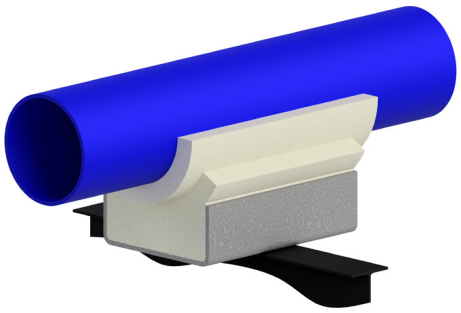
IG(180)DL - 8 x 75 - 150

Insulated **G**uided (180 degree) **D**ouble **L**ayer





NPS	FLG (MIN)
1/2" - 6"	75
8" - 24"	150
26" - 72"	200



Applications & Features:

- Temperature range from -255 Deg C to 135 Deg C
- Higher temperature applications available
- Design loads based on a insulation safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized, painted, powder coated, or no finish
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58

For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

To Order, Please Specify:
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP (See Tables for Standard or Custom)

** Information presented on this page subject to change without notice.

Notes:
1) Dimensions in millimeters unless noted

2) For High Loads or Special Dimensions contact us at (713) 466-4777 or sales@rilco.com.

PIPE SIZE	INSULATION THICKNESS																			
	25 mm				40 mm				50 mm				60 mm				75 mm			
	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)
1/2"	102	1.1	124	51	102	1.5	124	70	102	1.9	124	86	102	2.5	124	105	152	2.8	175	124
3/4"	102	1.1	127	54	102	1.5	127	73	102	1.9	127	92	102	2.5	127	108	152	2.8	178	127
1"	102	1.3	137	60	102	1.7	137	76	102	2.1	137	95	102	2.5	137	114	152	2.8	187	130
1-1/4"	102	1.4	143	67	102	1.8	143	83	102	2.4	143	102	102	2.7	143	121	152	3	194	137
1-1/2"	102	1.5	149	70	102	1.9	149	89	102	2.5	149	105	102	2.8	149	124	152	3.2	200	143
2"	102	1.7	162	79	102	2.1	162	95	102	2.4	162	114	102	2.8	162	133	152	3.2	213	149
3"	102	2.1	191	98	102	2.6	191	117	102	2.9	191	133	102	3.3	191	152	152	3.7	241	171
4"	102	2.4	216	117	102	2.8	216	133	102	3.2	216	152	102	3.5	216	171	152	4	267	187
6"	102	3	270	156	102	3.6	270	171	102	4.2	270	191	102	4.3	270	210	152	4.7	321	225
8"	102	5.8	321	191	102	6.7	321	210	102	7	321	225	152	7.7	371	244	152	8.2	371	264
10"	102	10.7	375	229	102	11.6	375	248	102	12.5	375	264	152	13.3	425	283	152	14.1	425	302
12"	102	18.5	425	264	102	20	425	283	102	21.2	425	302	152	22.5	476	318	152	23.7	476	337
14"	102	20.1	457	289	102	21.3	457	305	102	22.6	457	324	152	23.8	508	340	152	25.1	508	359
16"	102	24.3	508	324	102	24.8	508	340	152	25.6	559	359	152	26	559	378	152	27.5	559	394
18"	102	41.8	559	359	102	43.8	559	378	152	45.9	610	394	152	48	610	413	152	50.1	610	432
20"	102	45.9	610	394	102	48	610	413	152	50.1	660	432	152	52.1	660	448	152	54.2	660	467
24"	102	72.3	711	467	102	75	711	486	152	77.8	762	502	152	80.6	762	521	152	83.4	762	540
30"	102	141.5	864	575	152	146.5	914	594	152	151.5	914	610	152	156.6	914	629	152	161.6	914	648
36"	102	151.5	1016	683	152	156.6	1067	702	152	161.6	1067	718	152	166.6	1067	737	152	171.7	1067	756
42"	102	161.6	1168	791	152	166.6	1219	810	152	171.7	1219	826	152	176.7	1219	845	152	181.7	1219	864
48"	102	171.7	1321	899	152	176.7	1372	914	152	181.7	1372	933	152	186.8	1372	953	152	191.8	1372	968
52"	102	181.7	1422	968	152	186.8	1473	987	152	191.8	1473	1006	152	196.8	1473	1022	152	201.9	1473	1041
60"	102	191.8	1626	1114	152	196.8	1676	1130	152	201.9	1676	1149	152	206.9	1676	1168	152	211.9	1676	1184

Insulated Guided (180 degree) Double Layer

LEGACY DESIGNATION: IG-180-DL-R

DESIGNATION EXAMPLE

Model No. | Nominal Pipe Size | Insulation Thickness | BOP (mm)

IG(180)DL - 8 x 75 - 150

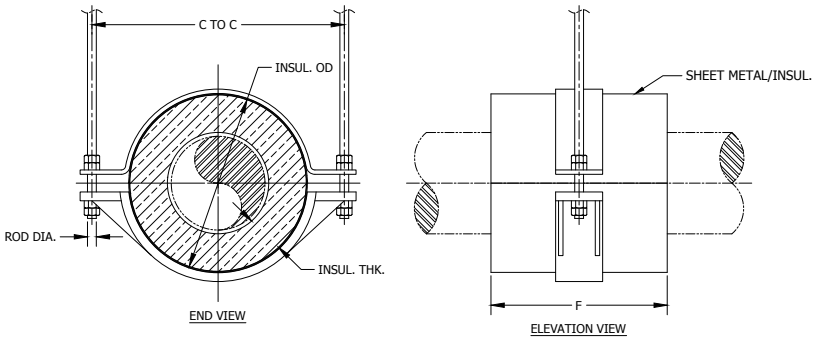
Insulated **G**uided (180 degree) **D**ouble **L**ayer

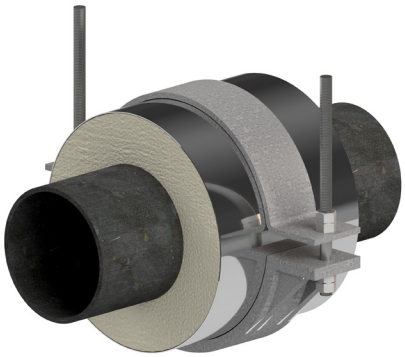
METRIC

PIPE SIZE	INSULATION THICKNESS																			
	90 mm				100 mm				115 mm				130 mm				140 mm			
	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)
1/2"	152	3.2	175	140	152	3.5	175	159	152	3.9	175	178	203	4.3	225	194	203	4.6	225	213
3/4"	152	3.2	178	146	152	3.5	178	162	152	3.9	178	181	203	4.3	229	200	203	4.6	229	216
1"	152	3.2	187	149	152	3.6	187	168	152	3.9	187	184	203	4.3	238	203	203	4.6	238	222
1-1/4"	152	3.3	194	156	152	3.5	194	175	152	3.9	194	191	203	4.1	244	210	203	4.9	244	229
1-1/2"	152	3.5	200	159	152	4	200	178	152	4.3	200	197	203	4.7	251	213	203	5	251	232
2"	152	3.5	213	168	152	4	213	187	152	4.3	213	203	203	4.7	264	222	203	5	264	241
3"	152	4.1	241	187	152	4.5	241	206	152	4.8	241	225	203	5.2	292	241	203	5.5	292	260
4"	152	4.3	267	206	152	4.7	267	225	152	5.2	267	241	203	5.5	318	260	203	5.9	318	279
6"	152	5.1	321	244	152	5.5	321	264	152	5.9	321	279	203	6.3	371	298	203	6.7	371	318
8"	152	8.8	371	279	152	9.3	371	298	203	10	422	318	203	10.5	422	333	203	11.1	422	352
10"	152	15	425	318	152	15.8	425	337	203	16.9	476	356	203	17.9	476	371	203	19.4	476	391
12"	152	24.9	476	356	152	26.4	476	371	203	27.5	527	391	203	28.3	527	410	203	29.1	527	425
14"	152	26.3	508	378	152	27.5	508	394	203	28.8	559	413	203	28.9	559	432	203	29.7	559	448
16"	152	28.8	559	413	203	30	610	432	203	31.3	610	448	203	32.5	610	467	203	33.8	610	486
18"	152	52.1	610	448	203	54.2	660	467	203	56.3	660	486	203	58.4	660	502	203	60.4	660	521
20"	152	56.3	660	486	203	58.4	711	502	203	60.4	711	521	203	62.5	711	540	203	64.6	711	556
24"	152	86.1	762	556	203	88.9	813	575	203	91.7	813	594	203	94.4	813	610	203	97.2	813	629
30"	203	166.6	965	664	203	171.7	965	683	203	176.7	965	702	203	181.7	965	718	254	186.8	1016	737
36"	203	176.7	1118	772	203	181.7	1118	791	203	186.8	1118	810	203	191.8	1118	826	254	196.8	1168	845
42"	203	186.8	1270	879	203	191.8	1270	899	203	196.8	1270	914	203	201.9	1270	933	254	206.9	1321	953
48"	203	196.8	1422	987	203	201.9	1422	1006	203	206.9	1422	1022	203	211.9	1422	1041	254	217	1473	1060
52"	203	206.9	1524	1060	203	211.9	1524	1076	203	217	1524	1095	203	222	1524	1114	254	227	1575	1130
60"	203	217	1727	1203	203	222	1727	1222	203	227	1727	1238	203	232.1	1727	1257	254	237.1	1778	1276

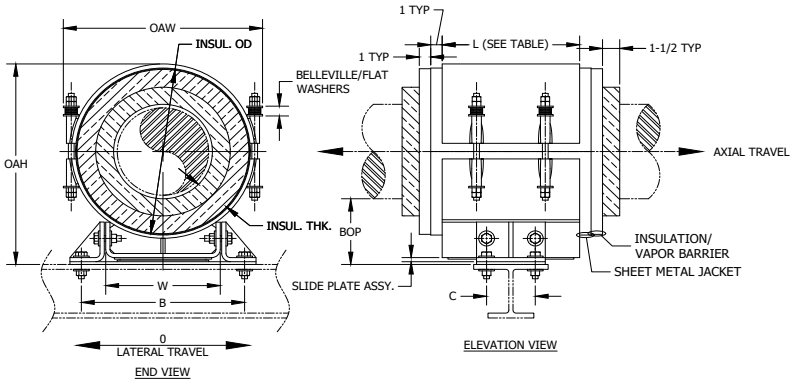
PIPE SIZE	INSULATION THICKNESS															
	150 mm				165 mm				180 mm				190 mm			
	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)	BOP (mm)	VERTICAL LOAD (kN)	OAH (mm)	W (mm)
1/2"	203	5	225	232	203	5.4	225	248	254	5.7	276	267	254	6.1	276	286
3/4"	203	5	229	235	203	5.4	229	251	254	5.7	279	270	254	6.1	279	289
1"	203	5	238	238	203	5.4	238	257	254	5.7	289	276	254	6.1	289	292
1-1/4"	203	5.2	244	244	203	5.5	244	264	254	5.7	295	283	254	6	295	298
1-1/2"	203	5.4	251	251	203	5.7	251	267	254	6.1	302	286	254	6.5	302	305
2"	203	5.4	264	257	203	5.7	264	276	254	6.1	314	295	254	6.5	314	311
3"	203	5.9	292	279	203	6.2	292	295	254	6.6	343	314	254	7	343	333
4"	203	6.2	318	295	203	6.6	318	314	254	7	368	333	254	7.3	368	349
6"	203	7	371	333	203	7.4	371	352	254	7.7	422	371	254	8.1	422	387
8"	203	11.6	422	371	254	12.2	473	387	254	12.7	473	406	254	13.3	473	425
10"	203	20.4	476	410	254	21.3	527	425	254	21.9	527	445	254	22.4	527	464
12"	203	30	527	445	254	30.8	578	464	254	31.6	578	479	254	32.4	578	498
14"	203	30.6	559	467	254	31.4	610	486	254	32.2	610	502	254	33.1	610	521
16"	254	35	660	502	254	36.3	660	521	254	37.5	660	540	254	38.8	660	556
18"	254	62.5	711	540	254	64.6	711	556	254	66.7	711	575	254	68.7	711	594
20"	254	66.7	762	575	254	68.7	762	594	254	70.8	762	610	254	72.9	762	629
24"	254	100	864	648	254	102.7	864	664	254	105.5	864	683	254	108.3	864	702
30"	254	191.8	1016	756	254	196.8	1016	772	254	201.9	1016	791	305	206.9	1067	810
36"	254	201.9	1168	864	254	206.9	1168	879	254	211.9	1168	899	305	217	1219	914
42"	254	211.9	1321	968	254	217	1321	987	254	222	1321	1006	305	227	1372	1022
48"	254	222	1473	1076	254	227	1473	1095	254	232.1	1473	1114	305	237.1	1524	1130
52"	254	232.1	1575	1149	254	237.1	1575	1168	254	242.1	1575	1184	305	247.2	1626	1203
60"	254	242.1	1778	1292	254	247.2	1778	1311	254	252.2	1778	1330	305	257.2	1829	1346

ADDITIONAL SUPPORTS



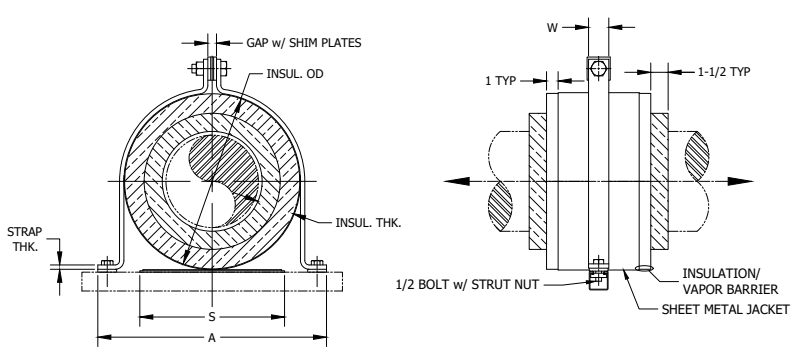


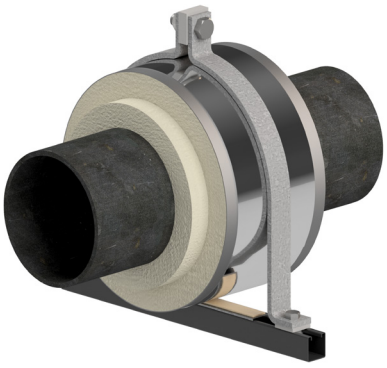
1/2 CLAMP





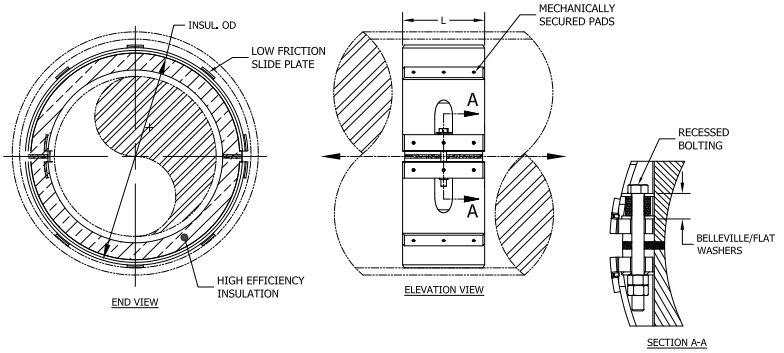
GLIDE

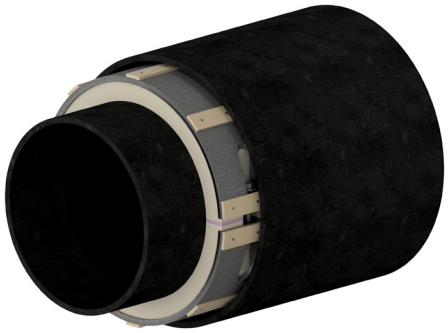




LDS

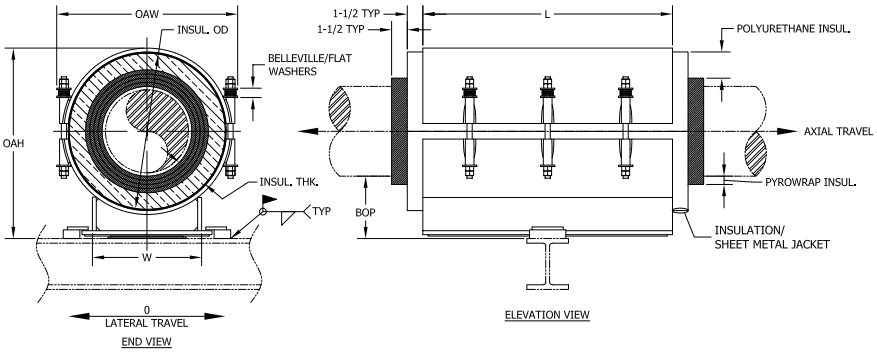
ADDITIONAL SUPPORTS

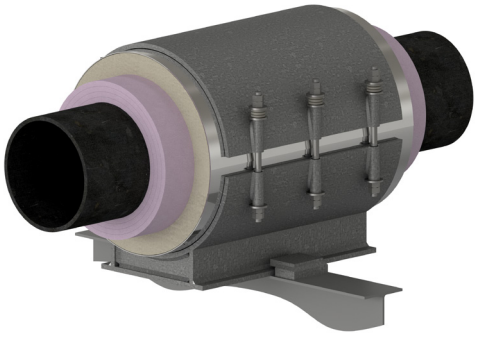




PIPE-IN-PIPE SUPPORT

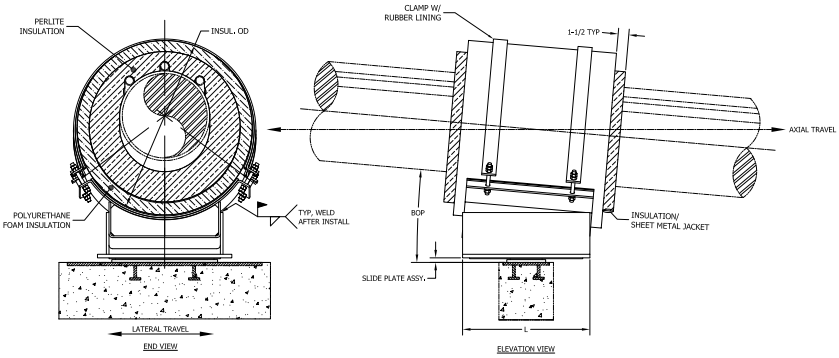
Designed to support inner pipe with an underground casing

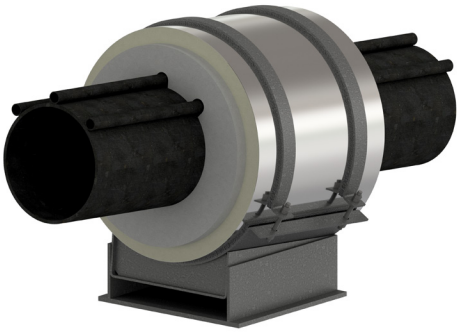




"DUAL TEMP" PIPE SUPPORT

Operating temperature from -40° to 1200° F

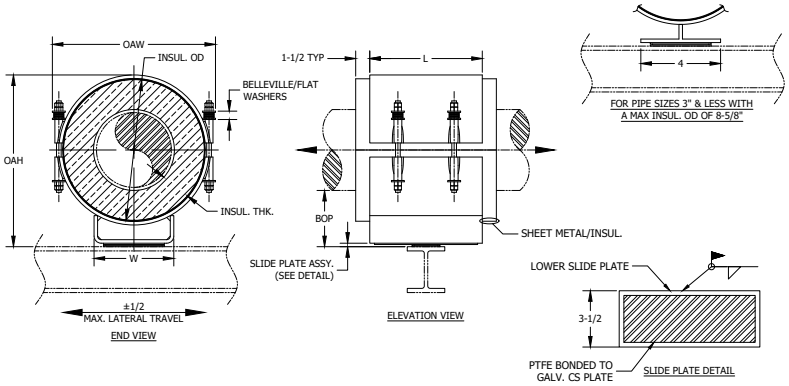




ADJ. HEIGHT PIPE SUPPORT

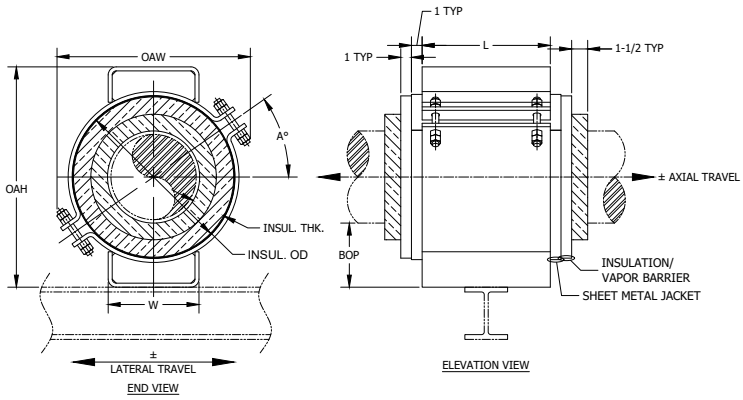
Field adjustable support for variable installation heights

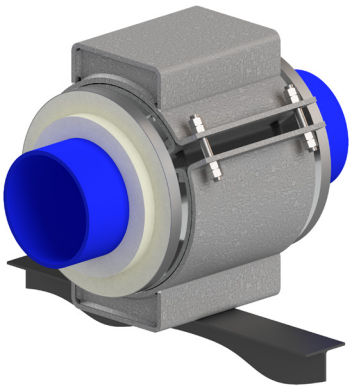
ADDITIONAL SUPPORTS



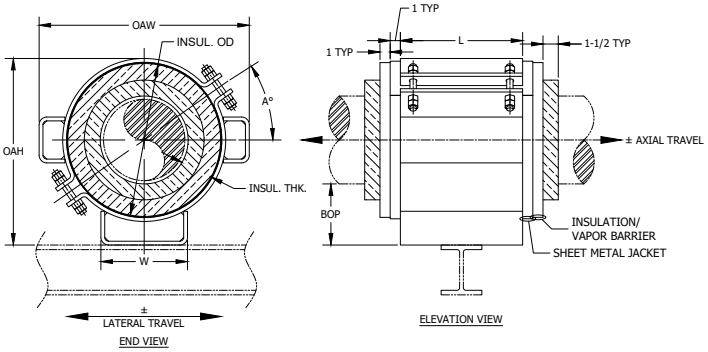


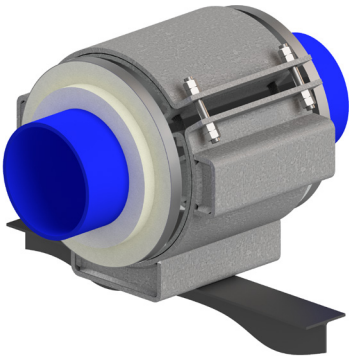
FOAMGLAS®





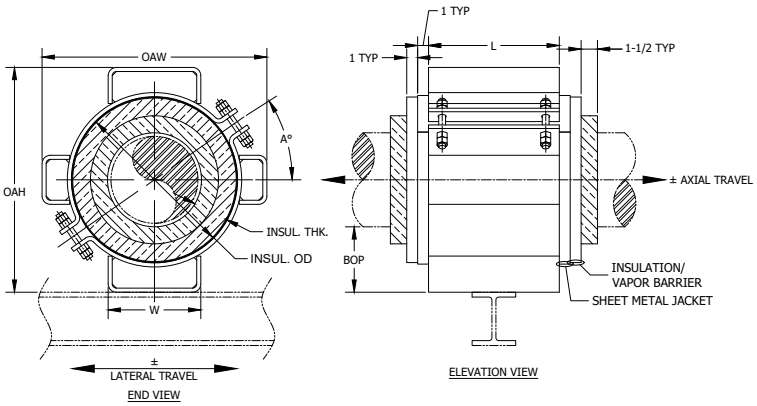
2-WAY GUIDE

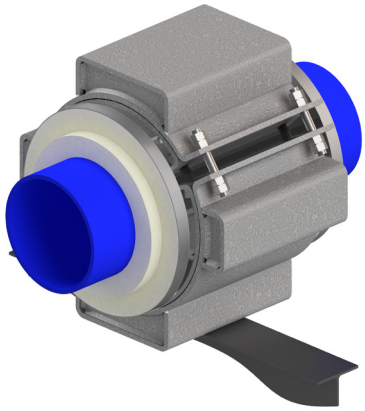




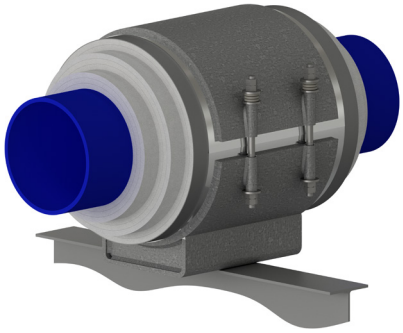
3-WAY GUIDE

ADDITIONAL SUPPORTS

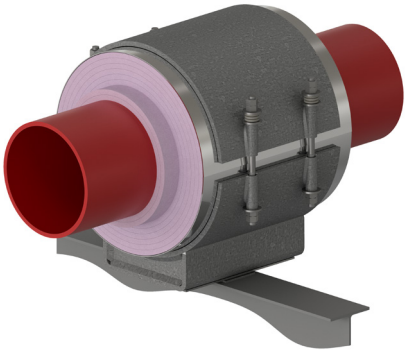




4-WAY GUIDE



CryoWrap® Resting- Aerogel Cold Service



PyroWrap® Resting- Aerogel Hot Service

RILCO MANUFACTURING CO, INC

HOUSTON, TEXAS

SPECIFICATION No. RHS-850

SPECIFICATION

FOR

FURNISH AND DELIVERING

OF

HIGH TEMPERATURE INSULATED PIPE SUPPORTS

RILCO Spec. RHS-850

High Temperature Insulated Pipe Support Specification

1. Scope

a. This specification covers the requirements for design, fabrication and use of load bearing type high temperature insulated pipe supports. It is applicable to pipes having a surface temperature ranges of -10 °F (-23 °C) to 1200 °F (650 °C).

2. General Requirements

a. Insulated pipe supports shall comply with the latest edition of the following:

i. ANSI/ASME B31.1& B31.3

ii. Manufacturers Standardization Society SP-58, 69 & 89.

b. Consideration shall be given to the following criteria in the selection of insulated supports:

i. Vertical, lateral and axial support design load limits.

ii. Vertical, lateral and axial support design travel limits.

iii. Support temperature design limits both at the pipe and support outside ambient temperature.

iv. Any test or installation loadings or displacements that may exceed normal system operating conditions.

v. Required dimensional clearances needed during installation and system operation should be specified.

vi. Material used in welded pipe attachment should be compatible with the pipe.

vii. Consideration should be given to loadings and displacements resulting from seismic, water hammer and similar conditions.

c. At the request of the owner or his designee, calculations and other related documentation which demonstrate adequacy and compliance of the insulated support with the design requirements, shall be made available for his review.

d. At the request of the owner or his designee, localized stress calculations for lugs or other welded pipe attachment shall be made available for his review.

e. Any special requirements such as material test reports or certified mill test reports shall be specified in advance.

3.Design Criteria

a. The load bearing insulating materials used in the supplied insulated support shall be of the same material that was used to load rate the support.

b. At the request of the owner or his designee, supplier shall make available compressive strength testing results of high density calcium silicate (HDCS) by an independent laboratory in a format provided for in MSS SP-89. Compressive strength values or test data from HDCS manufacturer's published technical data sheets are not acceptable. Testing of material shall take place at minimum temperature of 1200 °F.

c. At the request of the owner or his designee, a description of the basis used to load rate the insulated pipe support shall be provided for evaluation. A minimum safety factor of five at the system design temperature shall be used in determining the insulated pipe support load rating.

d. The testing used to establish load bearing insulation compressive properties shall comply with ASTM C165, Standard Test Method for Measuring Compressive Properties of Thermal Insulation.

e. The load bearing element load capacity shall be demonstrated at the piping system design temperature and load.

f. The insulated pipe support assembly shall exert a minimum clamping force on the pipe to assure that the assembly will move axially with the pipe and not slip relatively to the pipe when subjected to the design conditions.

g. All sliding surfaces shall be designed in such a manner as to limit the coefficient of friction 0.10 for the system design life without requiring lubrication. Any friction reducing material used that requires bonding shall be bonded to the backing structure prior to shipment to the job site.

h. The lower design temperature of the unit both at the pipe surface shall be -10 °F (-23°C). The maximum outside unit design temperature shall be 200 °F (93 °C) and the maximum surface pipe temperature of 1200 °F (650 °C). (For lower and higher temperatures, contact the pipe support supplier)

i. Required properties of the load bearing insulating materials under design conditions.

i. maximum thermal conductivity of 1.2 BTU-in/ft2-hr-°F at mean insulation temperature of 700 °F.

ii. maximum of 1/32" insulation deformation under the pipe is allowed due to permanent consolidation of the load bearing insulation.

iii. maximum of 1/32" additional non-permanent insulation deformation under the pipe beyond that of (b) above is permitted.

4. Fabrication

a. The insulated pipe support shall:

i. have a means of withstanding clamping forces transferred to insulating materials from the steel housing.

ii. The load bearing and non-load bearing insulation shall comply with ASTM C 656 Type I specification requirements and be treated with a silicone water repellent to prevent degradation resulting from moisture during storage.

iii. have the insulation I.D. and O.D. dimensions per ASTM Specification C 585 unless otherwise specified.

b. Designs having sliding surfaces shall incorporate two slide plates at each sliding surface. Each slide plate shall be composed of a 3/32" thick glass filled reinforced teflon bonded to a 10 GA carbon steel backing plate. Where these plates are to be welded, the teflon should be recessed 1/4" from the plate edge.

c. All welding shall comply with the requirements Section IX of the ASME Boiler and Pressure Vessel Code and AWS D1.1.

d. The following items, unless otherwise noted on contract drawings, shall be in accordance with the following:

i. Structural shapes and plate: ASTM A36/A516

ii. Bolts/Studs ASTM A307/A193 Grade B7, A563/A194-2H

5. Shipping and Handling

a. Each insulated support assemblies shall be clearly and permanently marked with the support identification number. The marking shall withstand water and fading when exposed to sun light.

b. The support marking must be place in a location that it is visible prior to as well as after installation.

c. Each container shall have a packing list both inside and attached to the outside of the container.

d. Prior to installation, the supports shall be stored in a dry covered area to avoid exposure to sunlight, rain and moisture.

6. Extent of Work

a. Work Included

i. Furnish the insulated pipe support assembly, encompassing the insulating materials, metal jacket, fabricating steel housing, guide clips, associated hardware including clamps, bolts and nuts, screws, slide element(s) etc. that may be required to make a complete assembly.

b. Work Not Included

i. Receiving, unloading and installing of the insulated pipe support.

7. Quotation

a. Bidder shall provide with the proposal a unit and extended pricing for of each assembly. Bidder shall total all pricing on bid.

8. Information to be Furnished After Award but Prior to Shipping

a. The supplier shall furnish installation instructions necessary for the proper installation of support.

9. Correspondence

a. All correspondence, drawings and other submittals shall bear reference to:

_____

b. Correspondence pertaining to engineering, shipping (weights and dimensions included) and changes to the purchase order or specification not covered by formal Change Order to the Purchase Order shall be sent to:

_____

c. Correspondence pertaining to purchasing shall be sent to:

_____

10. Guarantees

a. The supplier shall guarantee that performance and design of the equipment is in strict accordance with this specification.

11. Delivery

a. Delivery schedule and shipping method provided at time of quote.

RILCO MANUFACTURING CO. INC.

HOUSTON, TX 77041

SPECIFICATION No. RCS-750

SPECIFICATION

FOR

FURNISHING AND DELIVERING

OF

LOW TEMPERATURE INSULATED PIPE SUPPORTS

RILCO Spec. RCS-750

Low Temperature Insulated Pipe Support Specification

1. Scope

a. This specification covers the requirements for design, fabrication and use of load bearing low temperature insulated pipe supports. It is applicable to pipes having a surface temperature range of -475°F (-281 °C) to 275°F (135 °C).

2. General Requirements

a. Insulated pipe supports shall comply with the latest edition of the following:

i. ANSI/ASME B31.l & B31.3

ii. Manufacturers Standardization Society SP-58, 69 & 89.

b. Consideration shall be given to the following criteria in the selection of insulated supports:

i. Vertical, lateral and axial support design load limits.

ii. Vertical, lateral and axial support design travel limits.

iii. Support temperature design limits both at the pipe and support outside ambient temperature.

iv. Any test or installation loadings or displacements that may exceed normal system operating conditions.

v. Required dimensional clearances needed during installation and system operation should be specified.

vi. Material used in welded pipe attachment should be compatible with the pipe.

vii. Consideration should be given to loadings and displacements resulting from seismic, water hammer and similar conditions.

c. At the request of the owner or his designee, calculations and other related documentation which demonstrate adequacy and compliance of the insulated support with the design requirements shall be made available for his review.

d. At the request of the owner or his designee, localized stress calculations for lugs or other welded pipe attachment shall be made available for his review.

e. Any special requirements such as material test reports or certified mill test reports shall be specified in advance.

3. Design Criteria

a. The load bearing insulating materials used in the supplied insulated support shall be of the same material that was used to load rate the support.

b. At the request of the owner or his designee, supplier shall make available compressive strength and thermal conductivity testing results of high-density polyurethane by an independent laboratory in a format provided for in MSS SP-89. Testing of material shall take place at a maximum temperature of -260 °F (-176°).

c. At the request of the owner or his designee, a description of the basis used to load rate the insulated pipe support shall be provided for evaluation. A minimum safety factor of 5 at the system design temperature shall be used in determining the insulate pipe support load rating.

d. The testing used to establish load bearing insulation compressive properties shall comply with ASTM D 1621, Standard Test Method for Compressive Properties of Rigid Cellular Plastics.

e. The testing used to establish thermal conductivity properties of high-density polyurethane shall comply with ASTM C 177-85, Steady State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded Hot Plate Apparatus.

f. The load bearing element load capacity shall be demonstrated at the piping system design temperature and load.

g. The insulated pipe support assembly shall exert a minimum clamping force on the pipe to assure that the assembly will move axially with the pipe and not slip relatively to the pipe when subjected to the design conditions.

h. All sliding surfaces shall be designed in such a manner as to limit the coefficient of friction to 0.10 for the system design life without requiring lubrication. Any friction reducing material used that requires bonding shall be bonded to the backing structure prior to shipment to the job site.

i. High density polyurethane shall have the following maximum thermal conductivities:

i. 6 & 10 lb/cu.ft foam- .16 BTU-in/hr-ft2-°F (0.023 W/meter*K)

ii. 15 lb/cu. ft foam- .20 BTU-in/hr-ft2-°F (0.028 W/meter*K)

iii. 20 lb/cu. ft foam- .25 BTU-in/hr-ft2-°F (0.035 W/meter*K)

j. High density polyurethane shall not contain or use during fabrication environmentally hazardous CFC's.

4. Fabrication

a. High density polyurethane foam shall be monolithic and molded oversized so that all excess material shall be removed by cutting to achieve the final finished dimensions. Molds shall be oversized sufficiently to allow for complete removal of the outer skin on both the inner and outer surfaces.

b. The insulated pipe support shall:

i. have exposed surfaces coated with a mastic to protect the foam from moisture and ultraviolet light degradation. Mastic shall have a minimum perm rating of .02 (ASTM E-96).

ii. have a vapor barrier between the jacket and the insulating material with a maximum perm rating of .02.

iii. have the insulation I.D. and O.D. dimensions per ASTM Specification C 585 unless otherwise specified.

c. Designs having sliding surfaces shall incorporate two slide plates at each sliding surface. Each slide plate shall be composed of a 3/32." thick glass filled reinforced teflon bonded to a 10 GA carbon steel backing plate. Where these plates are to be welded, teflon should be recessed 1/4" from the plate edge.

d. All welding shall comply with requirements Section IX of the ASME Boiler and Pressure Vessel Code and AWS D1.1.

e. The following items, unless otherwise noted on contract drawings, shall be in accordance with the following:

i. Structural shapes and plate: ASTM A36/A516

ii. Bolts/Studs ASTM A307/A193 Grade B7, A563/A194-2H

5. Shipping and Handling

a. Each insulated support assemblies shall be clearly and permanently marked with the support identification number. The marking shall withstand water and fading when exposed to sun light.

b. The support marking must be place in a location that it is visible prior to as well as after installation.

c. Each container shall have a packing list both inside and attached to the outside of the container.

d. Prior to installation, the supports shall be stored in a dry covered area to avoid exposure to sunlight, rain and moisture.

6. Extent of Work

a. Work Included

i. Furnish the insulated pipe support assembly, encompassing the insulating materials, metal jacket, fabricating steel. housing, guide clips, associated hardware including clamps, bolts and nuts, screws, slide element(s) etc. that may be required to make a complete assembly.

b. Work Not Included

i. Receiving, unloading and installing of the insulated pipe support.

7. Quotation

a. Bidder shall provide with the proposal a unit and extended pricing for of each assembly. Bidder shall total all pricing on bid.

8. Information to be Furnished After Award but Prior to Shipping

a. The supplier shall furnish installation instructions necessary for the proper installation of support.

9. Correspondence

a. All correspondence, drawings and other submittals shall bear reference to:

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b. Correspondence pertaining to engineering, shipping (weights and dimensions included) and changes to the purchase order or specification not covered by formal Change Order to the Purchase Order shall be sent

_____

c. Correspondence pertaining to purchasing shall be sent to:

_____

10. Guarantees

a. The supplier shall guarantee that performance and design of the equipment is in strict accordance with this specification.

11. Delivery

a. Delivery schedule and shipping method provided at time of quote.


RILCO
12700

STANDARD TERMS & CONDITIONS

Terms and Conditions:

1) CONTROLLING PROVISIONS. This document (both pages) entitled "Standard Terms and Conditions" and the attached pricing proposal (which is incorporated herein for all purposes) are collectively referred to herein as the "Proposal." This Proposal, when submitted by the corporation identified as "Seller" on the attached pricing proposal or its authorized representatives (collectively, "Seller") and accepted by the person or entity identified as "Buyer" on the attached pricing proposal or his or its authorized representatives (collectively, "Buyer"), whether such acceptance is oral or in writing, by submission of a purchase order or purchase order number, by acceptance of a product, by commencement of performance hereunder, or by any other means, shall constitute the entire agreement between Buyer and Seller concerning its subject matter, and supersedes all prior agreements and understandings related thereto. Buyer's acceptance of this Proposal is expressly limited to the terms contained herein and no waiver, alteration, modification, amendment, or supplementation of, or conflict with, any provision in this Proposal, whether on Buyer's purchase order, by custom or practice, or otherwise, shall be valid unless such waiver, alteration, modification, amendment, supplementation, or conflict i) is specifically accepted in writing by Seller and signed by an authorized representative of Seller, and ii) specifically states in an obvious and conspicuous manner that it alters, amends, modifies, or supplements (as the case may be) this Proposal. This Proposal shall be governed by the laws of the State of Texas, excluding choice of law rules.

2) DELIVERY. Seller shall make a good faith effort to complete delivery of the products described on the attached pricing proposal, but Seller assumes no responsibility or liability, and will accept no back-charge or reduction in price, for loss or damage due to delay or inability to deliver caused by acts of God, war, labor difficulties, accident, delays of carriers, contractors or suppliers, inability to obtain materials, shortages of fuel and energy, or any other causes of any kind whatsoever beyond the control of Seller. Seller may terminate any agreement for sale of its products and/or services without liability of any nature to Seller by written notice to Buyer, if the delay in delivery or performances resulting from any of the aforesaid causes shall continue for a period of sixty (60) days or more. Under no circumstances shall Seller be liable for any special, consequential, incidental, or punitive damages or for loss, damage, or expense (whether based on negligence or any other form of liability) directly or indirectly arising from any delay or failure to give either notice of delay or notice of termination of an agreement or order. Under no circumstances shall Buyer be entitled to specific performance.

3) WARRANTY. Seller warrants, for one year from the date of shipment of any product manufactured by Seller, that Seller shall replace, correct, or, at its election, refund the net sales price of such manufactured product; provided Seller concludes, after its examination, that such manufactured product contains defects in materials or workmanship, does not conform to the specifications, drawings, or other descriptions supplied by Buyer, and cannot be used for the purpose and in the manner which Seller recommends. EXCEPT AS EXPRESSLY SET FORTH IN THIS PARAGRAPH, ALL PRODUCTS AND/OR SERVICES PROVIDED BY SELLER AND ITS EMPLOYEES AND AGENTS ARE PROVIDED "AS-IS," "WHERE-IS," AND "WITH ALL FAULTS" AND BUYER ACKNOWLEDGES THAT SELLER HAS NOT MADE, DOES NOT MAKE, AND SPECIFICALLY NEGATES, RENOUNCES, AND DISCLAIMS ANY REPRESENTATIONS, WARRANTIES, PROMISES, COVENANTS, AGREEMENTS, AND/OR GUARANTIES OF ANY KIND OR CHARACTER, EXPRESS OR IMPLIED, WITH RESPECT TO (1) THE PRODUCTS SOLD, THEIR MERCHANTABILITY, THEIR PHYSICAL CONDITION, THEIR FITNESS FOR A PARTICULAR PURPOSE, (2) THE MAINTENANCE OR OTHER EXPENSES TO BE INCURRED IN CONNECTION WITH THE PRODUCTS, (3) THE ENGINEERING, DESIGN, OR FABRICATION WORK OR ANY OTHER WORK OR SERVICE (WHETHER GRATUITOUS OR FOR PAYMENT) SUPPLIED BY SELLER AND/OR ITS AGENTS, SUPPLIERS, AND EMPLOYEES, AND (4) THE ACCURACY OR RELIABILITY OF ANY INFORMATION, DESIGNS, OR DOCUMENTS FURNISHED TO PURCHASER. SELLER NEITHER ASSUMES, NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT, ANY OTHER OBLIGATION IN CONNECTION WITH THIS PROPOSAL, INCLUDING, WITHOUT LIMITATION, THE SALE OF ITS PRODUCTS AND/OR RENDERING OF ITS SERVICES. THIS WARRANTY SHALL NOT APPLY TO ANY PRODUCTS OR PARTS OF PRODUCTS WHICH (1) HAVE BEEN REPAIRED OR ALTERED OUTSIDE OF SELLER'S FACTORY, IN ANY MANNER, (2) HAVE BEEN SUBJECTED TO MISUSE, NEGLIGENCE, OR ACCIDENTS, (3) HAVE BEEN USED IN A MANNER CONTRARY TO SELLER'S INSTRUCTIONS, RECOMMENDATIONS, OR SPECIFICATIONS (IF ANY), (4) CONTAIN DESIGN OR MANUFACTURING ERRORS AS A RESULT OF INACCURATE, INCOMPLETE, OR MISLEADING INFORMATION OR SPECIFICATIONS SUPPLIED BY BUYER OR ITS EMPLOYEES OR AGENTS, OR (5) HAVE BEEN PRODUCED OR MANUFACTURED (IN WHOLE OR IN PART) BY PERSONS OTHER THAN SELLER.

4) SELLER'S LIABILITY. SELLER'S LIABILITY FOR BREACH OF THE WARRANTY IN PARAGRAPH 3 SHALL BE EXPRESSLY LIMITED TO AND SHALL NOT EXCEED THE NET SALES PRICE OF THE DEFECTIVE PRODUCT(S), AND NO ADDITIONAL ALLOWANCE SHALL BE MADE FOR THE LABOR OR EXPENSE OF REPAIRING OR REPLACING DEFECTIVE PRODUCTS OR WORKMANSHIP OR DAMAGE RESULTING FROM THE SAME. SELLER SHALL NOT BE LIABLE FOR ANY LOSS, DAMAGE, COST OF REPAIRS, OR INCIDENTAL, CONSEQUENTIAL, OR PUNITIVE DAMAGES, OF ANY KIND, WHETHER BASED UPON WARRANTY (EXCEPT FOR THE LIMITED OBLIGATION SET FORTH IN PARAGRAPH 3), CONTRACT, NEGLIGENCE, OR ANY OTHER TORT OR CAUSE OF ACTION, ARISING IN CONNECTION WITH THIS PROPOSAL AND/OR THE DESIGN, MANUFACTURE, INSTALLATION, SALE, TRANSPORTATION, USE, OR REPAIR OF THE PRODUCTS OR OF THE INFORMATION, DESIGNS, SERVICES, OR OTHER WORK SUPPLIED TO BUYER.

5) INFRINGEMENT. Buyer shall indemnify, defend, and hold Seller harmless against all claims, causes of action, and liability and expense incurred by Seller and its agents and employees, in connection with any alleged infringement of any patent, copyright, trademark, or other intellectual property or proprietary information resulting from or arising in connection with this Proposal, including, without limitation, any claims, causes of action, and liability and expense arising from or occurring in connection with the design, manufacture, sale, installation, use, or repair of Seller's products and/or the use or dissemination of any designs, drawings, plans, specifications, or other documents, information, or services used by Buyer and/or Seller. The provisions of this Paragraph 5 shall survive the termination of this Proposal.

6) INDEMNITY. Except as expressly set forth in Paragraph 3, and to the maximum extent permitted by applicable law, Buyer shall defend, indemnify, and hold harmless Seller and its agents and employees against any loss, damage, claim, suit, liability, judgment, and expense (including, without limitation, attorney's fees) arising out of or in connection with the injury, disease, or death of persons (including, without limitation, Buyer's and Seller's employees and agents) or damage to or loss of any property or the environment or violation of any applicable law of any governmental authority resulting from or in connection with this Proposal and/or the design, manufacture, sale, transportation, installation, use, or repair of the products or of the information, designs, services, or other work supplied to Buyer, whether caused by the concurrent and/or contributory negligence of Buyer, Seller, or any of their agents, employees, or suppliers. The obligations, indemnities, and covenants contained in this Paragraph 6 shall survive the termination of this Proposal.

7) CONFIDENTIAL INFORMATION. Buyer shall hold in confidence and not disclose (without the prior written approval of Seller, except that such prior written consent shall not be necessary under any circumstances in which such disclosure is required by law) or use for its own benefit or otherwise disseminate any confidential information. As used herein, confidential information shall include, without limitation, i) all plans, designs, blueprints, and specifications of Seller and its agents and suppliers, ii) all design, manufacturing, construction, and installation processes and techniques of Seller and its agents and suppliers, and iii) all patents, copyrights, trademarks, intellectual property, and other proprietary information produced, used, or owned by Seller or its agents or suppliers. Buyer shall indemnify and hold Seller and its agents and employees harmless for any failure to conform or breach of any provision in this Paragraph 7. If it is determined by a court of competent jurisdiction that any provision of Paragraphs 3 through 7 hereof is declared invalid, illegal, or unenforceable in any respect, such provision shall automatically be amended to conform to the maximum monetary limits and other legal limits and to the maximum amount of time allowed by applicable law. The obligations, indemnities, and covenants contained in this Paragraph 7 shall survive the termination of this Proposal.

8) INSPECTION AND ACCEPTANCE. Buyer shall have seven (7) days from the date Buyer receives such products to (i) inspect such products and services and (ii) notify Seller, in writing, of any non-conformance or rejection of such products. After such seven (7) day period, Buyer shall be deemed to have accepted the products, unless Buyer has already accepted the products in a manner provided in Section 2.606 of the Texas Business and Commerce Code. After such acceptance, Buyer shall have no right to reject the products for any reason or to revoke acceptance of any non-conforming products, except as specifically provided in Section 2.608 of the Texas Business and Commerce Code; it being agreed by both parties that such seven (7) day period is a reasonable amount of time for such inspection and revocation. Without affecting the preceding limitation, where engineering, design, or fabrication work or other service is supplied by Seller, Buyer's acceptance of Seller's design or delivery of such work or service shall relieve Seller of all further obligations, except for the limited warranty set forth herein. If Buyer rejects any product or service, Seller shall have forty-five (45) days to cure such defect or non-conformance. Buyer shall have no right to (i) order any change or modification to any product or service previously ordered by Buyer or its representatives, or (ii) terminate this Proposal, without Seller's written consent and without prior payment to Seller of all charges, expenses, commissions, and reasonable profits owed to or incurred by Seller.

9) SHIPMENTS. The cost of any special packing or special handling caused by Buyer's requirements or requests shall be added to the amount of the purchase price. If Buyer causes or requests a shipment delay, or if Seller ships or delivers the products erroneously as a result of inaccurate, incomplete, or misleading information supplied by Seller or its agents or employees, storage and all other additional costs shall be borne solely by Buyer. No claim for shortages shall be allowed unless made in accordance with Paragraph 8, and Seller's count shall be accepted as conclusive on all shipments. Claims for products damaged or lost in transit shall be made on the carrier, as Seller's responsibility ceases, and title passes to Buyer, on delivery to the Carrier.

10) DEFAULT. If Buyer breaches any provision hereof, or becomes insolvent, enters bankruptcy, receivership, or other similar proceeding (whether voluntarily or involuntarily), or makes an assignment for the benefit of its creditors, Seller shall have the right, in addition to any other right or remedy it may have hereunder or by law, to (i) defer shipment of any product, or (ii) terminate this Proposal by giving Buyer written notice. If Seller terminates this Proposal as provided herein, (i) Seller shall be released from all further obligations hereunder, and (ii) Buyer shall pay Seller, within thirty (30) days from the date Seller terminates this Proposal, the full value for all products and services previously delivered, for all costs and expenses incurred by Seller in attempting to complete this Proposal, and for all costs and expenses (including attorney's fees and collection costs) incurred by Seller as a result of Buyer's breach.

11) PRICES AND DESIGNS. Prices and designs are subject to change without notice. All prices are F.O.B. Point of Shipment, unless otherwise stated by Seller in writing. All prices apply only to the specific products described on the attached pricing proposal.

12) TAXES. The amount of any sales, excise, or other taxes, if any, applicable to the products and services covered herein shall be added to the purchase price and shall be paid by Buyer unless Buyer provides Seller with an exemption certificate acceptable to Seller.

13) TERMS. Cash, net 30 days unless otherwise specified in writing by Seller. Buyer absolutely and unconditionally guarantees to Seller prompt payment, when due, of all amounts owing Seller. Seller may decline to make deliveries under this proposal and may withdraw any credit or payment terms and demand payment for any amount owed by Buyer to Seller, whenever Seller, for any reason, doubts Buyer's ability to pay and Seller advises Buyer, in writing. In addition to the Remedies contained in Paragraph 10, if Buyer fails to perform any of the terms of this Proposal, Seller shall have the right to defer shipments until such default is cured or lien project.

14) ARBITRATION and Venue. In the event of any dispute between Seller and Buyer in connection with this Proposal, the design, manufacture, sale, transporting, use, installation, or repair of the products provided, or the services provided, such dispute shall be settled by arbitration at the request of either party. To institute such arbitration proceedings, the party desiring to institute the arbitration procedure shall notify the other party and in such notice designate the first arbitrator. If the first arbitrator is acceptable to the other party, the other party shall so notify the first party within ten (10) days and the first arbitrator shall proceed to determine the dispute within twenty (20) days thereafter. If the first arbitrator is not acceptable, then within ten (10) days of notification of the name of the first arbitrator, the second party shall designate in writing a second arbitrator. If a second arbitrator is designated, the two arbitrators shall meet and select a third arbitrator and the three arbitrators shall determine the matter and dispute within twenty (20) days from the date of the designation of the second arbitrator. Failure of the two initial arbitrators to select a third arbitrator within ten (10) days, shall entitle either party to apply to an appropriate court for appointment of the third arbitrator. All arbitrators shall be licensed attorneys with at least five (5) years experience in business and/or commercial transactions.

The decision of the arbitrator or arbitrators shall be binding and conclusive on the parties hereto. The fees and expenses of the arbitrator appointed by each party shall be the responsibility of that party. If only one arbitrator is used, or with respect to the third arbitrator, the fees and expenses of such sole or third arbitrator, as the case may be, shall be borne equally by the parties. Any arbitrator designated to serve pursuant hereto shall not be an affiliate of any of the parties hereto. Any arbitration carried out pursuant to this Proposal shall be conducted in accordance with the Federal Arbitration Act and the applicable rules of the American Arbitration Association. The arbitrator(s) shall allow the production of all documents which form the basis of the dispute, as well as all supporting documentation reasonably necessary to explain the documents in dispute. No hearings or other discovery shall be allowed unless the arbitrator(s), in his or their sole opinion, deems it necessary for the arbitration. All the hearings and proceedings held and all investigations and actions taken by the arbitrator shall take place in the city in which the principal offices of Seller are located (as of the date of this Proposal, the principal offices of Seller are located in Houston, Harris County, Texas). Judgment upon any award rendered by the arbitrator or arbitrators may be entered in any court having jurisdiction thereof. While the fees and expenses of the arbitrators shall be apportioned as set forth above, the losing party will pay the prevailing party's attorneys' fees and other costs.

15) INVALID PROVISIONS. If any provision hereof is held to be illegal, invalid, or unenforceable under present or future laws effective during the term hereof, such provision shall be fully severable; this Proposal shall be construed and enforced as if such illegal, invalid, or unenforceable provision had never comprised a part hereof; and the remaining provisions here shall remain in full force and effect and shall not be affected by the illegal, invalid, or unenforceable provisions or by its severance herefrom.

16) COSTS. Except as specifically provided in Paragraph 14, the prevailing party in any dispute between the parties to this Proposal, arising out of the interpretation, application, or enforcement of any provision of this Proposal, shall be entitled to recover all of its reasonable attorneys' fees and costs, whether suit be filed or not.

17) PAST DUE ACCOUNTS. Buyer agrees to pay Seller the maximum lawful rate allowed by applicable state and federal law on all past due accounts.

18) ASSIGNMENT. This Proposal shall not be assigned by Buyer without the prior written consent of Seller.

19) WAIVER. A waiver by Seller of any provision of this Proposal or of any right or remedy shall not constitute a waiver of any other provision, right, or remedy.

20) SECTION HEADINGS. The section headings in this Proposal are for convenience only and shall have no meaning or effect.

Special Commercial Terms & Conditions:

Escalation-Prices for Raw material are quoted based on market price at time of quote. RILCO reserved the right to adjust final price of products based on changes in cost of raw materials due to mill surcharges at time of material delivery with proper documentation.

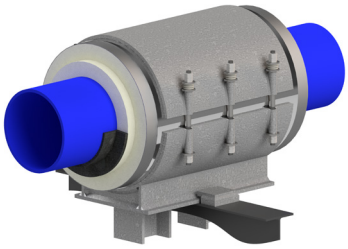
Late Payments-RILCO terms are offered based on timely payment of invoices. RILCO reserves the right to charge a late fee for payments 10 days past terms offered. RILCO reserves the right to hold shipments of goods if an account is past due until account been paid and is current. RILCO reserves the right to discontinue our offered terms if and account is not paid according to offered terms.

Liquidated Damages-RILCO does not accept liquidated damages for later delivery due to engineering changes, engineering review or other items beyond our direct control.

Credit-Credit is offered subject to credit approval.

Delivery-Quoted delivery schedule is based on production workload at time of proposal. RILCO reserves the right to provide a formal production schedule at time of order placement due to material availability and shop work load at time of order placement

We are currently basing our production on controlled order acceptance. This basically means that we are going to review each order on the date it is received for all conditions such as delivery requirements, payment terms, and material availability before we accept an order for manufacturing.



CAPF - 8 x 3 - 6 - 12 - 2400 - 1200 - 1860

PIPE SIZE (in)	INSULATION THICKNESS (in)	BOP (in)	SUPPORT LENGTH (in)	VERTICAL LOAD (lbs)	LATERAL LOAD (lbs)	AXIAL LOAD (lbs)

Insulation Type
• Calcium Silicate (CS)
• Polyurethane Foam (PF)
• FOAMGLAS® (FG)
•Aerogel
· PyroWrap® (PW)
· CryoWrap® (CW)
• Single Layer (SL)
• Double Layer (DL)

Cryo- Cold
Pyro- Hot

Function
• **S**LIDE (S) - For vertically restrained pipe
· i.e. HSCS-3x1.5-4-12-2100
• **S**LIDE (H) - For vertically restrained pipe, high lateral travel
· i.e. HS(H)CS-8x3-6-12-1700
• **G**UIDE (G) - For vertically & laterally restrained pipe
· i.e. HGCS-6x1.5-4-6-1275-450
• **G**UIDE (L) - For vertically and laterally restrained pipe, allows uplift of piping
· i.e. HG(L)CS-1x1.5-4-4-225-80
• **G**UIDE (M) - For vertically and laterally restrained pipe, guided at cradle
· i.e. HG(M)CS-1x1.5-4-6-225-80
• **A**NCHOR (A) - For vertically, laterally, and axially restrained pipe
· i.e. HACS-4x1.5-4-6-840-295-1730
• **H**ANGING (H) - For vertically restrained pipe
· i.e. HHCS-3x1.5-4-6-840-295-1730
• RISER (V) - For vertically restrained pipe
· i.e. HVCS-3x1.5-4-12-2100
• **F**LAT (F) - For vertically restrained pipe
· i.e. HFCS-3x1.5-4-12-2100
• **R**OLLER (R) - For vertically restrained pipe
· i.e. HRCS-3x1.5-4-12-2100
• **C**levis (C) - For vertically restrained pipe
· i.e. HCCS-8x3-6-750
• **I**nsulated **G**uided (IG) - 90 or 180 degree square base
· i.e. IG(90)SL-8x3-6
· i.e. IG(180)DL-8x3-6

Temperature Classification
• HOT (H) - typical range is 0 °F to 1200 °F
• COLD (C) - typical range is -450 °F to 200 °F
• DUAL TEMP (D) - typical range is 450 °F to 1200 °F



PRESIDENT'S LETTER

Here at Rilco Manufacturing we have strived to maintain a focus of customer-service within ourselves and inspire this within our employees. We strive to exceed clients' expectations by providing the most reliable information available, upholding our promise of the highest quality products, and consistently meeting our delivery deadlines. Since Rilco Manufacturing was established in 1972 we have also made it a goal of ours to remain at the forefront of technology within our industry. We invest considerable capital into various research and development experiments each year to ensure our pipe support system designs, materials, and components are tried and true meeting all safety and performance standards.

With quality, safety, reliability, and a high level of customer service always in the minds of our employees we aim to perform at our highest level from even the smallest projects we receive to the largest projects we are awarded.

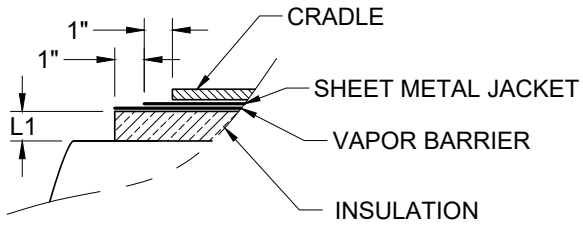
The near future will be an exciting time for Rilco Manufacturing as we evolve and grow into a lean operating company and more than double our current production space. We cater to a diverse range of customers and are capable of customizing our products for almost any project need.

I thank you for your interest in our growing company and I truly look forward to our continued partnership and exploring relationships with new organizations that will potentially be added to our worldwide client base.

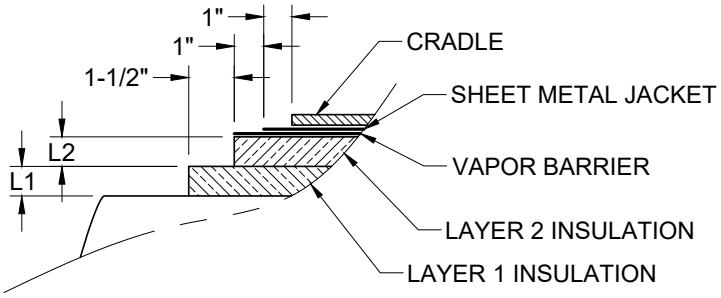
Sincerely,

Kenneth L. Zagorski
President & CEO

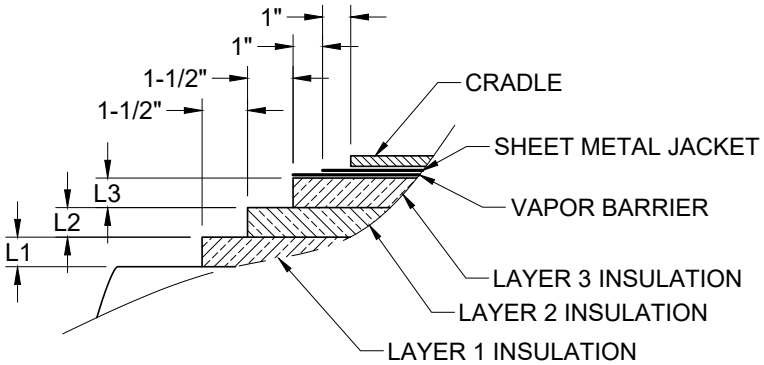
POLYURETHANE LAYERING SCHEDULE



SINGLE LAYER



DOUBLE LAYER



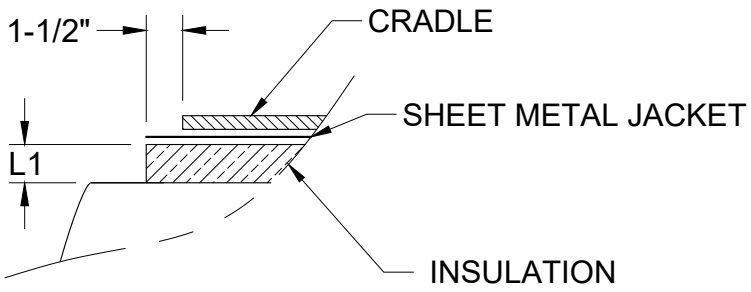
TRIPLE LAYER

Insulation Thickness (in.) (nominal)	Layer(s)	L1 THK. (Inner Layer) (in.) (nom.)	L2 THK. (Middle Layer) (in.) (nom.)	L3 THK. (Outer Layer) (in.) (nom.)
0.5	Single	0.5	-	-
1	Single	1	-	-
1.5	Single	1.5	-	-
2	Single	2	-	-
2.5	Single	2.5	-	-
3	Double	1.5	1.5	-
3.5	Double	1.5	2	-
4	Double	2	2	-
4.5	Double	2	2.5	-
5	Double	2.5	2.5	-
5.5	Double	3	2.5	-
6	Double	3	3	-
6.5	Double	3.5	3	-
7	Triple	2	2.5	2.5
7.5	Triple	2.5	2.5	2.5
8	Triple	2.5	2.5	3
8.5	Triple	2.5	3	3
9	Triple	3	3	3

Notes:

1. Individual and overall Insulation layering is per ASTM C585

CALCIUM SILICATE LAYERING SCHEDULE



SINGLE LAYER

Insulation Thickness (in.) (nominal)	Layer(s)	L1 THK. (in.) (nom.)
0.5	Single	0.5
1	Single	1
1.5	Single	1.5
2	Single	2
2.5	Single	2.5
3	Single	3
3.5	Single	3.5
4	Single	4
4.5	Single	4.5
5	Single	5
5.5	Single	5.5
6	Single	6
6.5	Single	6.5
7	Single	7
7.5	Single	7.5
8	Single	8
8.5	Single	8.5
9	Single	9

Notes:

1. Individual and overall Insulation layering is per ASTM C585

RILCO

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