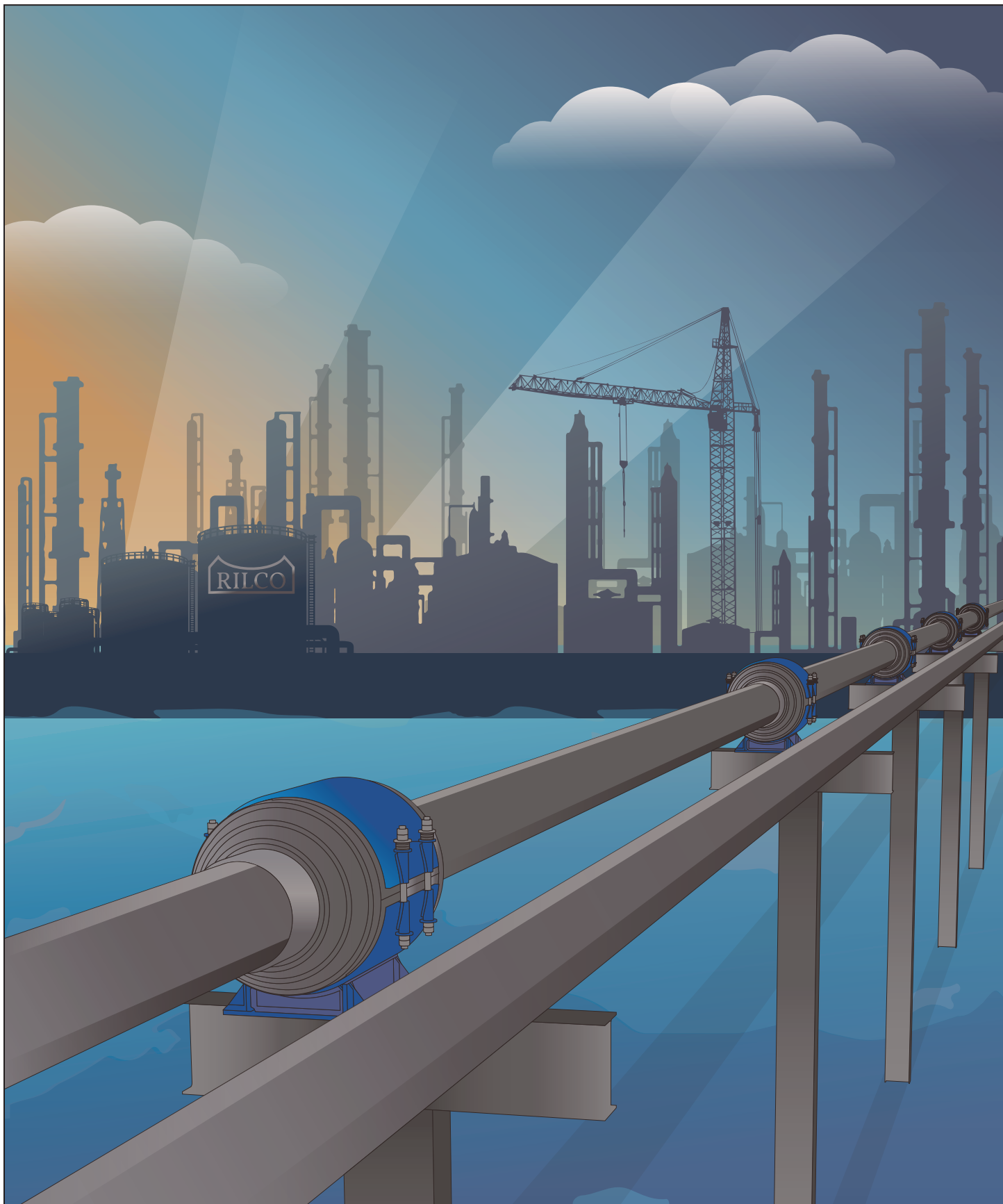




RILCO

(713) • 466 • 4777
www.rilco.com

CRYOGEL & PYROGEL I

12700 Tanner Rd.
Houston, Texas 77041

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

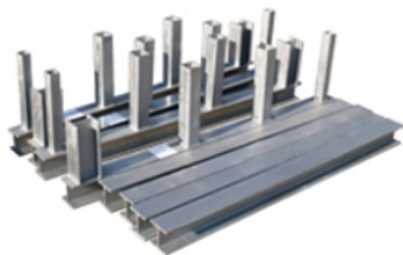
- Calcium Silicate/ Chilled Water Pipe Supports
- FOAMGLAS® Pipe Supports
- Perlite Pipe Supports
- Mineral Wood Pipe Supports



ASPEN AEROGELS INC. HOT & COLD INSULATED PIPE SUPPORTS

- Cryogel™ Insulated Pipe Supports
- Pyrogel™ XT Insulated Pipe Supports

*Cryogel Z, Pyrogel XT and Aerogel are all trademarks of Aspen Aerogel 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

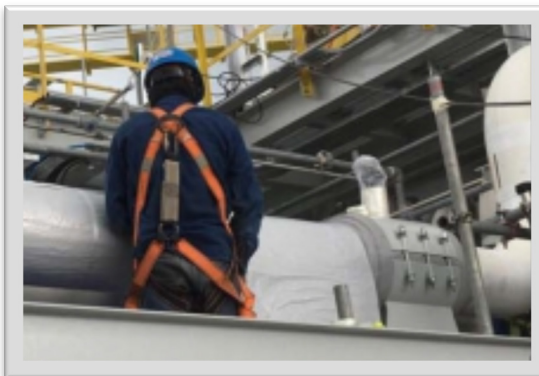
Rilco Manufacturing Now Offering Field Services

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

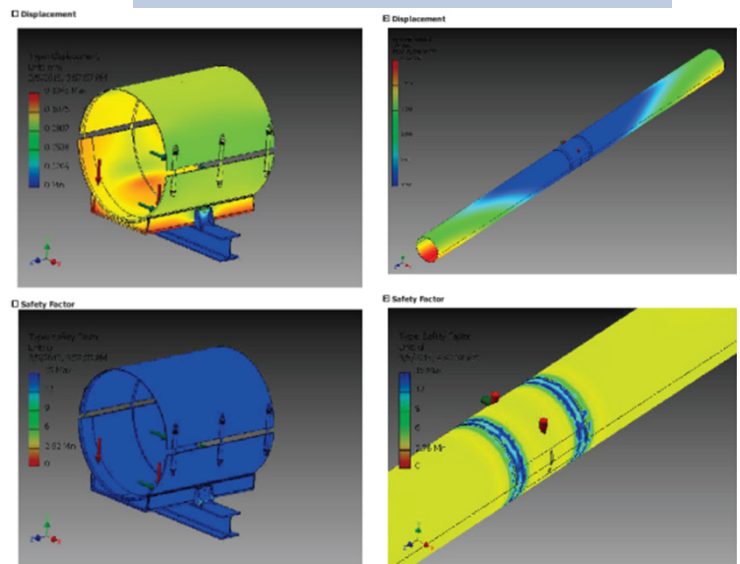
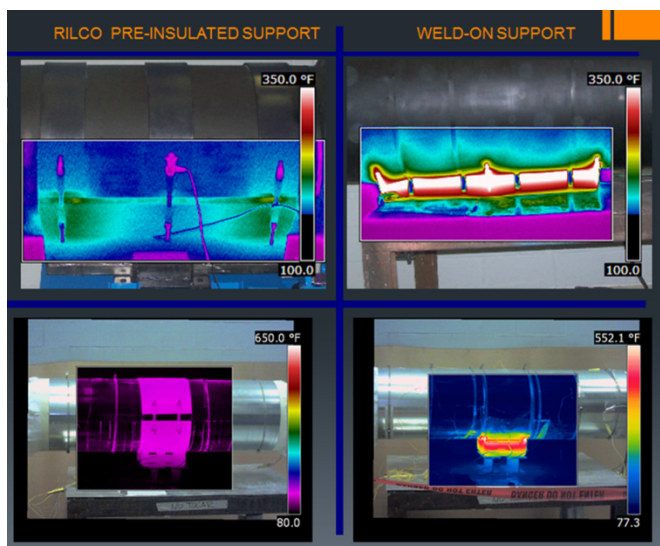
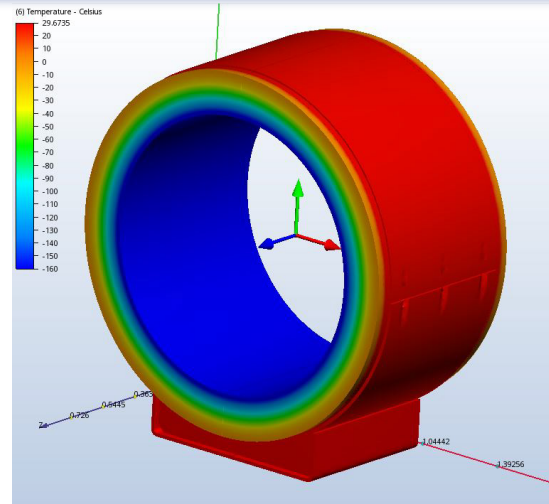
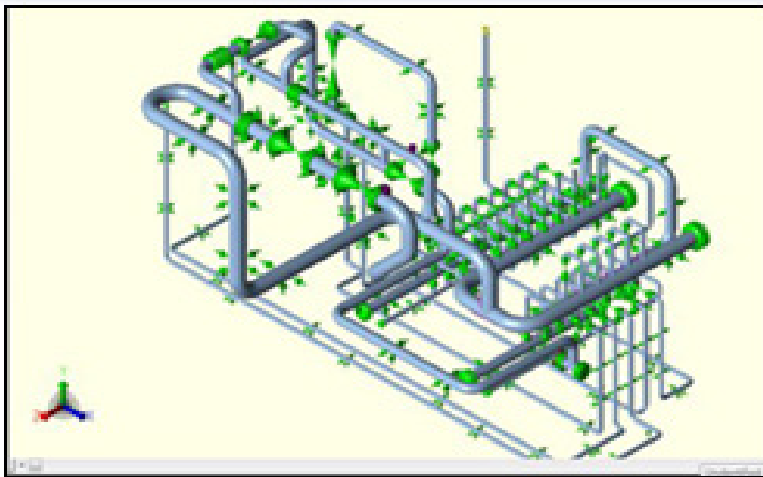


***Complimentary On-Site
Installation Demo with
Order!!!***

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 & Cryogel® Z Insulated Pipe Supports
- High Temperature Testing of Calcium Silicate & Pyrogel® XT-E Insulated Pipe Supports
- Low Temperature Coil Spring Cyclic Testing
- Belleville Washer Fatigue Testing



ABOUT RILCO

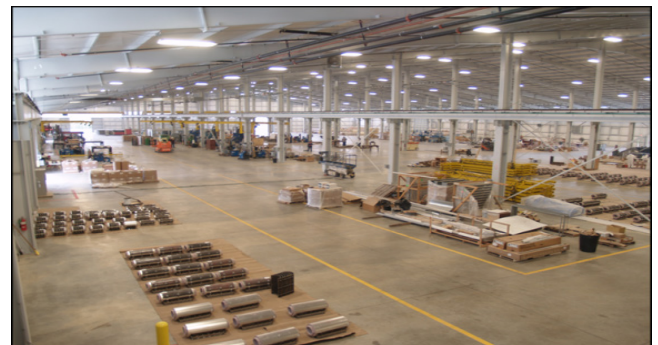


Rilco Manufacturing Company is a world leader in the development of pipe support systems and components. Our company began as a small pipe insulation facility in 1972 and has experienced exponential growth due to the high quality of our products, consistency of on-time deliveries, and the innovative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



Call us to request your quote!!!

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.



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PRODUCT OVERVIEW

CryoWrap™ & PyroWrap™ the Newest Technology in Insulated Pipe Supports

Once again RILCO Manufacturing Company Incorporated leads the way with lighter weight, insulated pipe supports featuring the lowest K-Values of any industrial insulation available. Designed for applications from -270°C (-460°F) to 650 °C (1200°F) we have the exact Anchor, Guide or Resting Support to meet your design requirements.

RILCO teamed with Aspen Aerogels Inc. to offer a pipe support that utilizes leading edge technology to provide an environmentally friendly, hydrophobic insulation that is not only durable but compact and lightweight.

CryoWrap™ and PyroWrap™ use aerogels, which are recognized as the world's lowest density solid and most effective thermal insulator. These lightweight silica solids, derived from gel with gas replacing the liquid, are poor conductors because they are comprised of tiny, three dimensional, intertwined clusters accounting for only 3% of the volume. The remaining 97% consists of nanopores of air with minimal room to move, thereby inhibiting convection and gas-phase conduction.

CryoWrap™ and PyroWrap™ pipe supports combine RILCO's renowned engineering and proprietary support design expertise with Aspen Aerogel's Cryogel™ Z and Pyrogel™ XT. The result is a pipe support yielding a resilient and durable design with superior insulating properties designed specifically for applications ranging from cryogenic to high temperature.

Cryogel Z, Pyrogel XT and Aerogel are all registered trademarks of Aspen Aerogel INC.

Distinguishing Characteristics

Fire Resistant - CryoWrap™ and PyroWrap™ offer unparalleled resistance to flame spread with minimal smoke emissions and no toxic byproducts. Each product offers extended protection for piping and equipment, thereby extending the necessary response time to unforeseen events.

Hydrophobic - CryoWrap™ and PyroWrap™ give the pipe support incredible resistance to moisture.

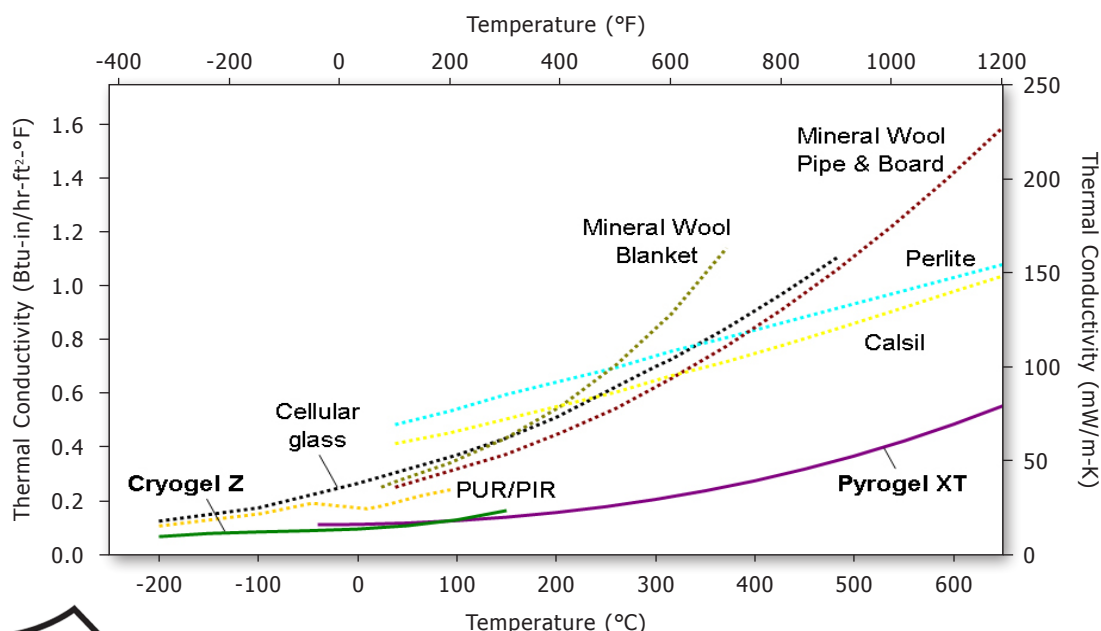
Light Weight - CryoWrap™ and PyroWrap™ lighter weight allows reduced overall loading of pipe and equipment support systems.

Reduced space requirements- CryoWrap™ and PyroWrap™, with their superior insulation qualities, deliver a reduced insulation cross-section allowing additional equipment per given area.

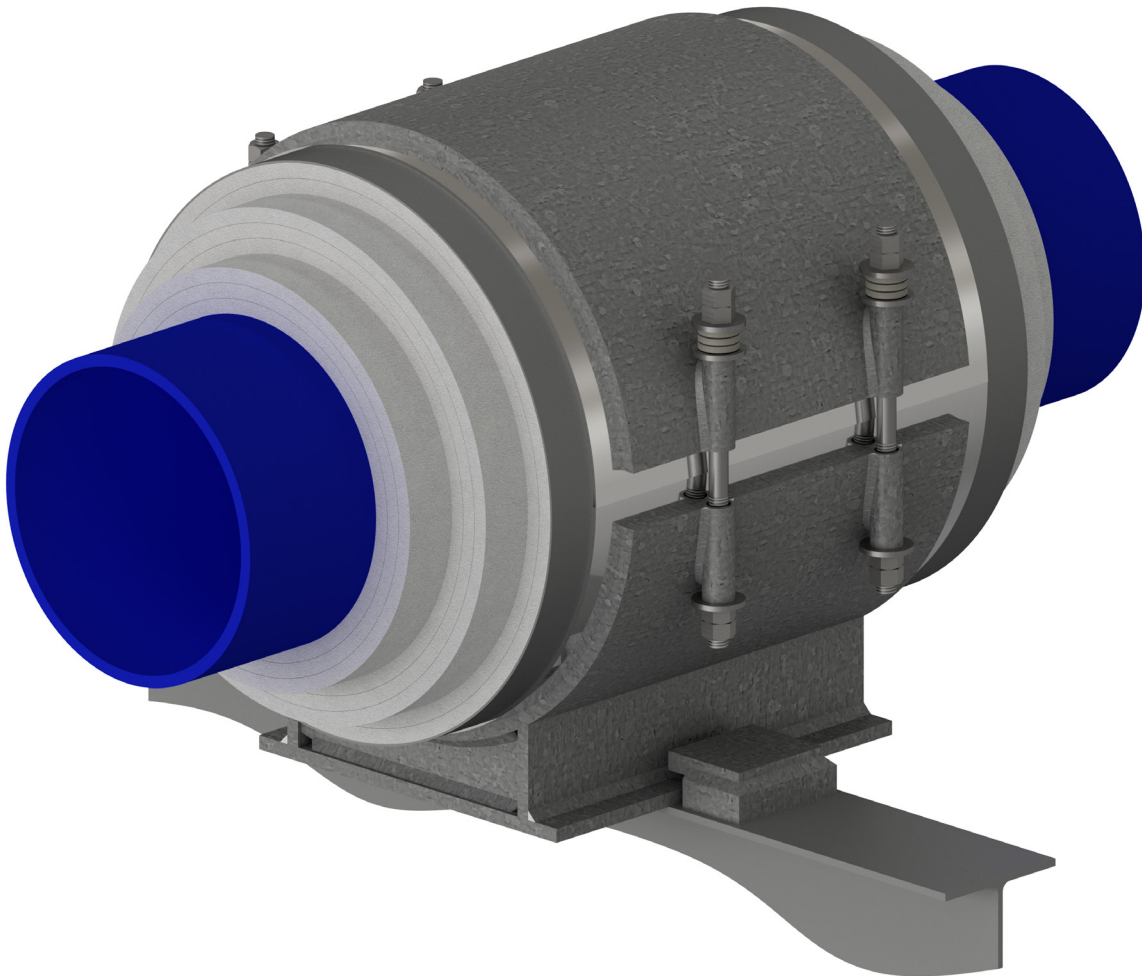
System integrity- CryoWrap™ does not allow thermal leaks or moisture intrusion due to its factory applied zero-perm vapor barrier.

Durable - Unlike pipe supports utilizing rigid insulation that is prone to cracking from mechanical damage, CryoWrap™ and PyroWrap™ are capable of with standing high impact loading without compromising performance or showing damage.

Environmentally Friendly – CryoWrap™ and PyroWrap™ are capable of adherence to any environmental regulations. Since these insulating aerogels are essentially silica (sand), require no blowing agents, and contain no respirable fibers, CFC, or HCFC, they pose no chemical threat to the environment. Both products can be produced in longer lengths than traditional insulation thereby greatly improving installation times and allowing for easier, safer handling on the job site.

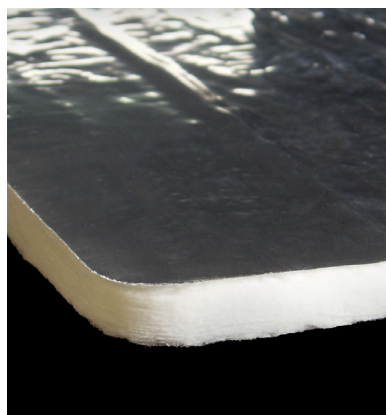


CryoWrap



RILCO CryoWrap™ for Cryogenic and Sub-Ambient Applications

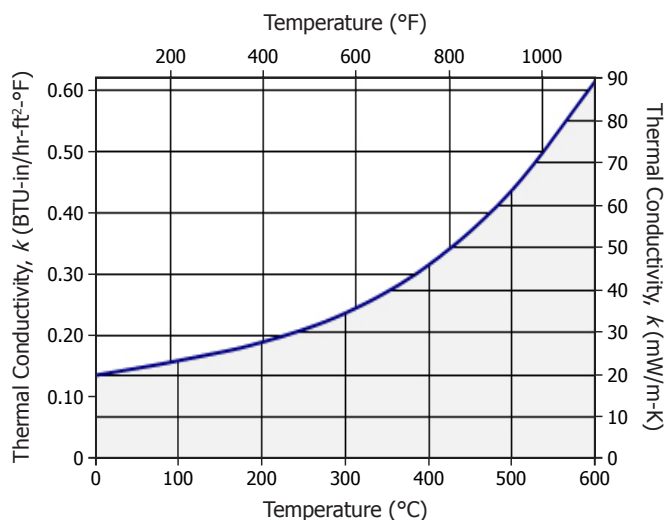
Service Temperature Ranges: -270°C (-460°F) to 90°C (-195°F)



CryoWrap™ pipe supports provide unique properties which makes them the ultimate in thermal protection for cryogenic requirements. The extremely low thermal conductivity reduces heat gain and liquid “boil-off” with no water access or egress. While its superior resistant to mechanical abuse attests to the product’s durability, the smaller circumference eases installation and reduces labor costs.

Thermal Conductivity†

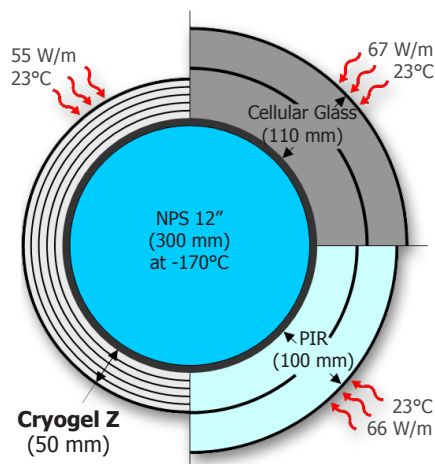
ASTM C 177 Results



Mean Temp. °C	0	100	200	300	400	500	600
°F	32	212	392	572	752	932	1112
k mW/m-K	20	23	28	35	46	64	89
BTU-in/hr-ft²-°F	0.14	0.16	0.19	0.24	0.32	0.44	0.62

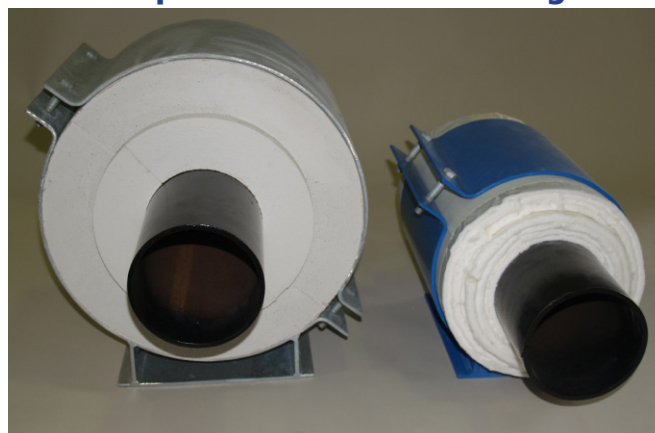
†Thermal conductivity measurements taken at a compressive load of 14 kPa.

CryoWrap™ pipe supports utilize Aspen Aerogel’s Cryogel™ Z with an integral vapor barrier and are specifically engineered with 50%-75% less thickness, lighter weight and no water permeability.



All three designs meet the same condensation control criteria

Comparable Insulation Ratings



Polyurethane

CryoWrap™

Physical Properties

Thicknesses*	5 mm (0.20 in)	10 mm (0.40 in)
Material Form*	1,450 mm (57 in) wide x 64 m (211 ft) long rolls	1,450 mm (57 in) wide x 38 m (126 ft) long rolls
Max. Use Temp.	90°C (194°F)	
Color	White	
Density*	0.13 g/cc (8.0 lb/ft³)	
Hydrophobic	Yes	

*Nominal Values

RILCO CryoWrap™ - Properties

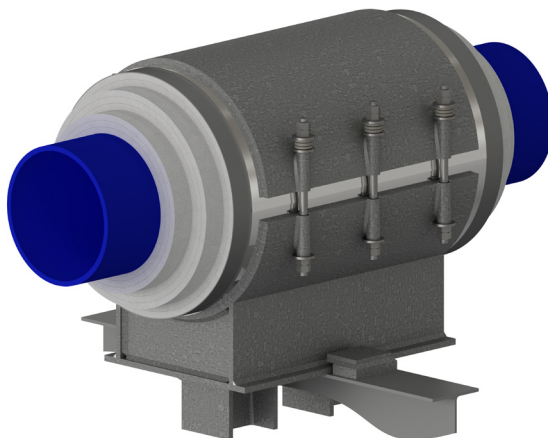
Service Temperature Ranges: -270°C (-460°F) to 90°C (-195°F)

Thermal Performance: CryoWrap™ pipe supports have the lowest thermal conductivity of any support available for cryogenic or sub-ambient applications. They are much smaller in circumference than other supports, allowing for a smaller surface area and therefore reduced heat gain. In most instances condensation control thickness is sufficient to meet the desired heat gain limits. This heat gain “safety factor” maximizes system performance by improving process control, reducing boil-off and saving energy. The thermal performance remains constant since there are no blowing agents to diffuse.

Moisture and Vapor Resistance: CryoWrap™ pipe supports with their integral vapor barrier, provides the only zero-perm system available for cryogenic applications.

Structural Integrity: CryoWrap™ pipe supports are the optimal choice for sub-ambient and cryogenic applications because they remain flexible and experience no thermal shock. Therefore the usual issues of degraded insulation caused by contraction, extreme stress, structural damage and the typical freeze-thaw crack propagation problems encountered with the standard insulation mediums are no longer a concern.

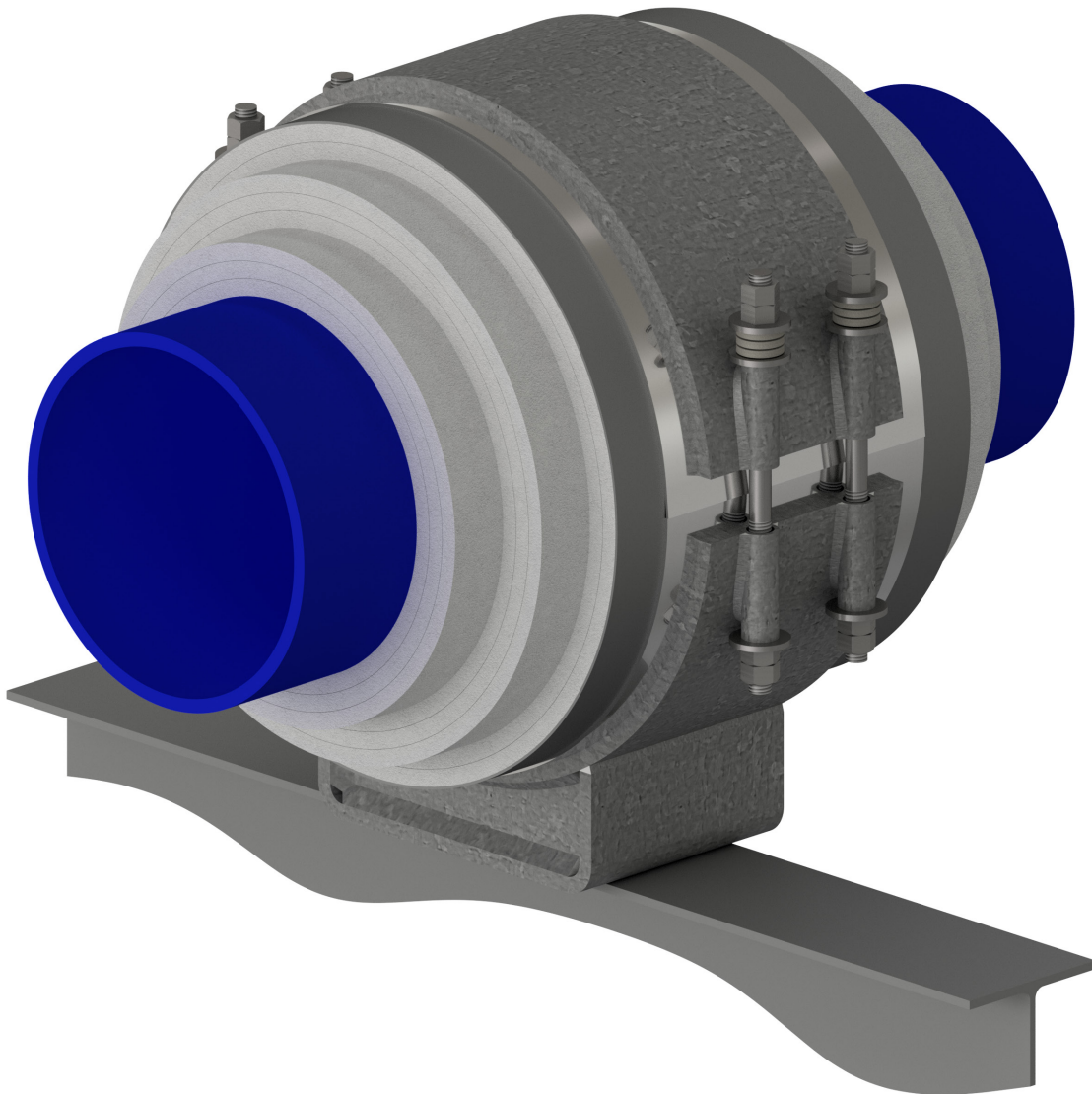
Dimensional Stability: CryoWrap™ pipe supports allow minimal movement of the insulated system because of a low thermal expansion coefficient. The flexibility and low contraction rate eliminates the need for labor intensive and more costly expansion/contraction joints required by other products.



Specification Compliance and Performance

Test Procedure	Property	Results
ASTM C 165	Compressive Strength	Stress at 10% strain = 102 kPa (14.8 psi) Stress at 25% strain = 183 kPa (26.6 psi)
ASTM C 356	Linear Shrinkage Under Soaking Heat	< 1.3% 650°C (1200°F)
ASTM C 411	Hot Surface Performance	Passed
ASTM C 447	Estimation of Maximum Use Temperature	650°C (1200°F)
ASTM C 592-04 (Section 11.11, Modified)	Heat and Vibration Aging	-0.19% mass change after 6 hr vibration
ASTM C 795	Insulation for Use Over Austenitic Stainless Steel	Passed
ASTM C 1101	Classifying the Flexibility of Mineral Fiber Blankets	Class: Resilient Flexible
ASTM C 1104	Water Vapor Sorption	2.25% (by weight)
ASTM C 1338	Fungal Resistance of Insulation Materials	Passed
ASTM C 1511	Liquid Water Retention After Submersion	4% (by weight)
ASTM E 84	Surface Burning Characteristics	Flame Spread Index = 0 Smoke Developed Index = 0
ASTM E 1354	Cone Calorimetry	No ignition at 50 kW/m ²
BS EN 13501-1: 2007	Reaction to Fire Performance	Passed Euroclass A2
ISO 1182:1990	Non-Combustibility	Meets criteria outlined in ISO 1182:1990

CryoWrap Resting Supports

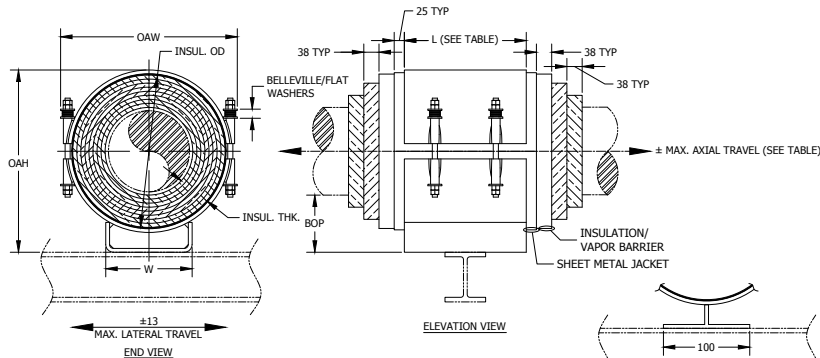


CSCW - 8 x 30 - 100 - 300 - 23

DESIGNATION
EXAMPLE

CryoWrap Resting Support

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN)



NOTES:

- 1) Slide plates required for 26" NPS & up.
- 2) All dimensions in millimeters unless noted.

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

* L + 150mm for pipe sizes > 42"

NOM PIPE SIZE	VERT. LOAD (kN)	INSULATION THICKNESS																			
		10mm				20mm				30mm				40mm				50mm			
		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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																					
1/2"	1.6	100	43	89	140	100	64	114	152	100	84	127	165	100	102	152	178	100	122	165	191
3/4"	2.0	100	48	102	152	100	69	114	165	100	89	140	165	100	107	152	178	100	127	178	191
1"	2.7	100	56	102	152	100	74	127	165	100	94	140	178	100	114	165	191	100	135	178	191
1-1/2"	3.9	100	69	114	165	100	89	140	178	100	109	152	191	100	130	178	203	100	150	203	216
2"	4.8	100	81	127	178	100	102	152	191	100	122	165	203	100	142	191	216	100	163	216	229
2-1/2"	5.8	100	94	140	191	100	114	165	203	100	135	178	216	100	155	203	229	100	175	229	241
3"	7.1	100	109	152	216	100	130	178	216	100	150	203	229	100	170	216	241	100	191	241	254
4"	11	100	135	178	241	100	155	203	241	100	175	229	254	100	196	241	267	100	216	267	279
6"	17	100	191	254	292	100	208	267	305	100	229	292	318	100	249	305	318	100	269	330	330
8"	23	100	241	305	343	100	259	318	356	100	279	343	368	100	300	356	368	100	320	381	381
10"	27	100	295	356	394	100	315	381	406	100	335	394	419	100	353	419	432	100	373	432	432
12"	29	100	345	406	445	100	366	432	457	100	386	445	470	100	404	470	483	100	424	483	483
14"	33	100	376	432	483	100	396	457	495	100	417	483	495	100	437	495	508	100	457	521	521
16"	39	100	427	483	533	100	447	508	546	100	467	533	559	100	488	546	559	150	508	572	622
18"	43	100	478	546	584	100	498	572	597	100	518	597	610	100	538	610	610	150	559	635	673
20"	45	100	528	597	635	100	549	622	648	100	569	648	660	100	589	660	660	150	610	686	724
24"	48	100	630	699	737	100	650	724	749	100	671	749	762	100	691	762	775	150	711	787	826
30"	63	100	782	851	889	100	803	876	902	100	823	902	914	150	843	914	978	150	864	940	978
36"	91	100	935	1003	1041	100	955	1029	1054	100	975	1054	1067	150	996	1067	1130	150	1016	1092	1130
42"	138	100	1087	1168	1194	100	1107	1194	1207	100	1128	1207	1219	150	1148	1232	1283	150	1168	1245	1283
48"	154	100	1240	1321	1346	100	1260	1346	1359	100	1280	1359	1372	150	1300	1384	1435	150	1321	1397	1435
56"	180	100	1443	1524	1549	100	1463	1549	1562	100	1483	1562	1575	150	1504	1588	1638	150	1524	1600	1638
60"	193	100	1544	1626	1651	100	1565	1651	1664	100	1585	1664	1676	150	1605	1689	1740	150	1626	1702	1740
66"	212	100	1697	1778	1778	100	1717	1803	1791	100	1737	1816	1803	150	1758	1842	1867	150	1778	1854	1867
72"	231	100	1849	1930	1956	100	1869	1956	1969	100	1890	1969	1981	150	1910	1994	2045	150	1930	2007	2045

*W - Dimension is calculated by multiplying (INSULATION OD*0.55), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

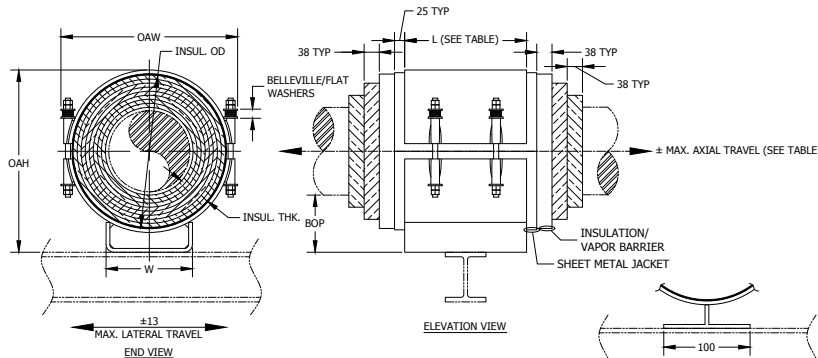
* See page 69 of this catalog for new designation model number construction.

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

CSCW - 8 x 30 - 100 - 300 - 23

DESIGNATION
EXAMPLE

CryoWrap Resting Support



NOTES:

- Slide plates required for 26" NPS & up.
- All dimensions in millimeters unless noted.

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

* L + 150mm for pipe sizes > 42"

NOM PIPE SIZE	VERT. LOAD (kN)	INSULATION THICKNESS																			
		60mm				70mm				80mm				90mm				100mm			
		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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																					
1/2"	1.6	100	142	191	191	150	163	216	254	150	183	229	267	150	203	254	279	150	224	267	292
3/4"	2.0	100	147	191	203	150	168	216	267	150	188	241	267	150	208	254	279	150	229	279	292
1"	2.7	100	155	203	203	150	175	229	267	150	196	241	279	150	216	267	292	150	234	279	292
1-1/2"	3.9	100	170	216	216	150	191	241	279	150	208	254	292	150	229	279	305	150	249	292	318
2"	4.8	100	180	229	229	150	201	254	292	150	221	267	305	150	241	292	318	150	262	305	330
2-1/2"	5.8	100	193	241	241	150	213	267	305	150	234	279	318	150	254	305	330	150	274	318	343
3"	7.1	100	211	254	267	150	231	279	318	150	249	292	330	150	269	318	343	150	290	343	356
4"	11	100	236	279	292	150	257	305	343	150	274	318	356	150	295	343	368	150	315	368	381
6"	17	100	290	356	343	150	310	368	406	150	330	394	419	150	351	406	419	150	368	432	432
8"	23	150	340	406	445	150	361	419	457	150	381	445	470	150	401	457	470	200	419	483	533
10"	27	150	394	457	495	150	414	470	508	150	434	495	521	150	455	521	533	200	475	533	584
12"	29	150	445	508	546	150	465	521	559	150	485	546	572	150	505	572	584	200	526	584	635
14"	33	150	478	533	584	150	498	559	597	150	516	572	597	150	536	597	610	200	556	622	673
16"	39	150	528	584	635	150	549	610	648	150	566	622	660	200	587	648	711	200	607	673	724
18"	43	150	579	648	686	150	599	673	699	150	617	686	711	200	638	711	762	200	658	737	775
20"	45	150	630	699	737	150	650	724	749	150	668	737	762	200	688	762	813	200	709	787	826
24"	48	150	732	800	838	150	752	826	851	150	770	838	864	200	790	864	927	200	810	889	927
30"	63	150	884	953	991	150	904	978	1003	200	922	991	1067	200	942	1016	1080	200	963	1041	1080
36"	91	150	1036	1105	1143	150	1057	1130	1156	200	1074	1143	1219	200	1095	1168	1232	200	1115	1194	1232
42"	138	150	1189	1270	1295	150	1209	1295	1308	200	1227	1308	1372	200	1247	1334	1384	200	1267	1346	1384
48"	154	150	1341	1422	1448	150	1361	1448	1461	200	1379	1461	1524	200	1400	1486	1537	200	1420	1499	1537
56"	180	150	1544	1626	1651	150	1565	1651	1664	200	1582	1664	1727	200	1603	1689	1740	200	1623	1702	1740
60"	193	150	1646	1727	1753	150	1666	1753	1765	200	1684	1765	1829	200	1704	1791	1842	200	1725	1803	1842
66"	212	150	1798	1880	1880	150	1819	1905	1892	200	1836	1918	1956	200	1857	1943	1969	200	1877	1956	1969
72"	231	150	1951	2032	2057	150	1971	2057	2070	200	1989	2070	2134	200	2009	2096	2146	200	2029	2108	2146

*W - Dimension is calculated by multiplying (INSULATION OD*0.55), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

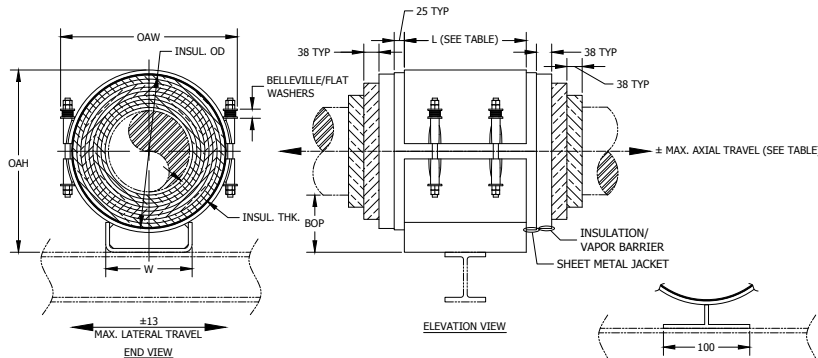
** Information presented on this page subject to change without notice.

CSCW - 8 x 30 - 100 - 300 - 23

DESIGNATION
EXAMPLE

CryoWrap Resting Support

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN)



NOTES:

- 1) Slide plates required for 26" NPS & up.
- 2) All dimensions in millimeters unless noted.

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

* L + 150mm for pipe sizes > 42"

NOM PIPE SIZE	VERT. LOAD (kN)	INSULATION THICKNESS																			
		110mm				120mm				130mm				140mm				150mm			
		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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																					
1/2"	1.6	200	244	292	343	200	262	305	356	200	282	330	368	200	302	356	381	250	323	368	432
3/4"	2.0	200	249	292	356	200	267	318	356	200	287	330	368	200	307	356	381	250	328	381	445
1"	2.7	200	254	305	356	200	274	318	368	200	295	343	381	200	315	368	394	250	335	381	445
1-1/2"	3.9	200	269	318	368	200	290	343	381	200	310	356	394	200	330	381	406	250	351	394	470
2"	4.8	200	282	330	381	200	302	356	394	200	323	368	406	200	340	394	419	250	361	406	470
2-1/2"	5.8	200	295	343	394	200	315	368	406	200	335	381	419	200	353	406	432	250	373	419	483
3"	7.1	200	310	356	419	200	330	381	419	200	351	394	432	200	371	419	445	250	391	445	508
4"	11	200	335	381	445	200	356	406	445	200	376	419	457	200	396	445	470	250	417	470	533
6"	17	200	389	445	495	200	409	470	508	200	429	495	521	200	450	508	521	250	470	533	584
8"	23	200	439	495	546	200	460	521	559	200	480	546	572	250	500	559	622	250	521	584	635
10"	27	200	495	559	597	200	513	572	610	200	533	597	622	250	554	610	686	250	574	635	686
12"	29	200	546	610	648	200	564	622	660	200	584	648	673	250	605	660	737	250	625	686	737
14"	33	200	577	635	686	200	597	660	686	200	617	673	699	250	638	699	762	250	658	724	775
16"	39	200	627	686	737	200	648	711	749	250	668	724	813	250	688	749	813	250	709	775	826
18"	43	200	678	749	787	200	699	775	800	250	719	787	864	250	739	813	864	250	759	838	876
20"	45	200	729	800	838	200	749	826	851	250	770	838	914	250	790	864	914	250	810	889	927
24"	48	200	831	902	940	200	851	927	953	250	871	940	1016	250	892	965	1029	250	912	991	1029
30"	63	200	983	1054	1092	250	1003	1080	1156	250	1024	1092	1168	250	1044	1118	1181	250	1064	1143	1181
36"	91	200	1135	1207	1245	250	1156	1232	1308	250	1176	1245	1321	250	1196	1270	1334	250	1217	1295	1334
42"	138	200	1288	1372	1397	250	1308	1384	1461	250	1328	1410	1473	250	1349	1435	1486	250	1369	1448	1486
48"	154	200	1440	1524	1549	250	1461	1537	1613	250	1481	1562	1626	250	1501	1588	1638	250	1521	1600	1638
56"	180	200	1643	1727	1753	250	1664	1740	1816	250	1684	1765	1829	250	1704	1791	1842	250	1725	1803	1842
60"	193	200	1745	1829	1854	250	1765	1842	1918	250	1786	1867	1930	250	1806	1892	1943	250	1826	1905	1943
66"	212	200	1897	1981	1981	250	1918	1994	2045	250	1938	2019	2057	250	1958	2045	2070	250	1979	2057	2070
72"	231	200	2050	2134	2159	250	2070	2146	2223	250	2090	2172	2235	250	2111	2197	2248	250	2131	2210	2248

*W - Dimension is calculated by multiplying (INSULATION OD*0.55), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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

Ordering Instructions:

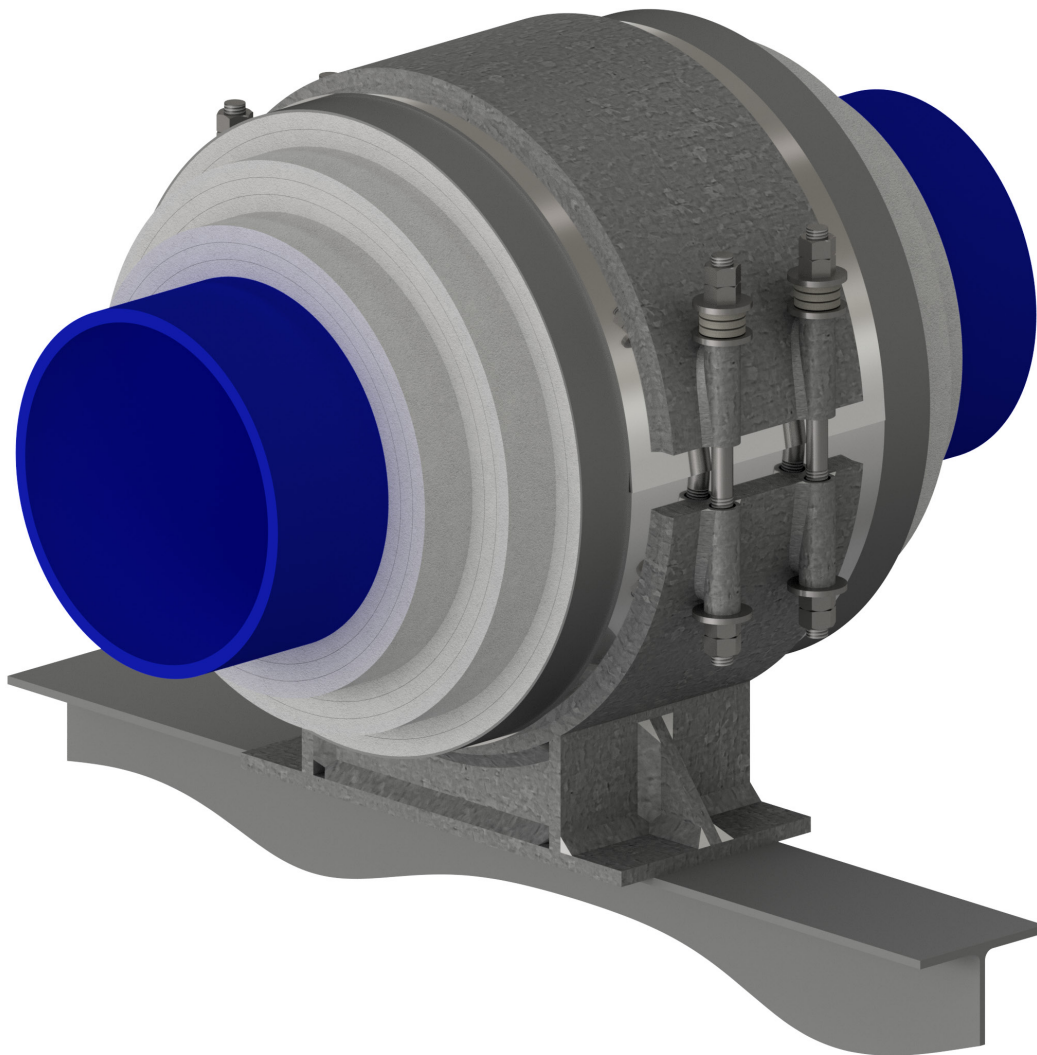
To Order, Please Specify:

- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

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

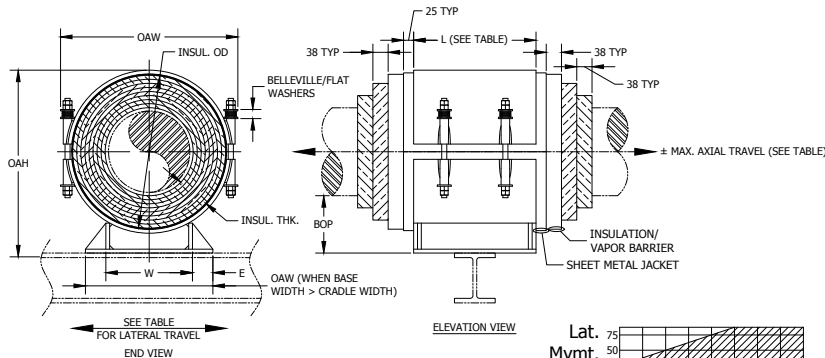
CryoWrap High Lateral Travel Supports



CS(H)CW - 8 x 30 - 100 - 300 - 23

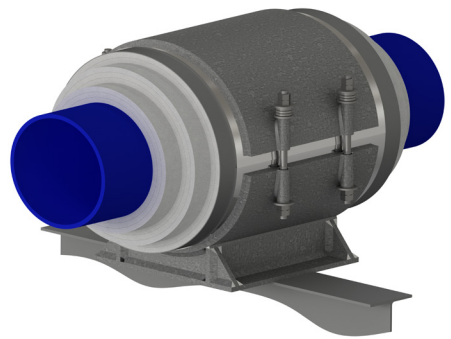
DESIGNATION
EXAMPLE

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN)



NOTES:

- 1) Slide plates required for 26" NPS & up.
- 2) All dimensions in millimeters unless noted.



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

* L + 150mm for pipe sizes > 42"

NOM PIPE SIZE	VERT. LOAD (kN)	INSULATION THICKNESS																			
		10mm				20mm				30mm				40mm				50mm			
		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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																					
1/2"	1.6	100	43	140	140	100	64	191	152	100	84	216	165	100	102	241	178	100	122	267	191
3/4"	2.0	100	48	140	152	100	69	191	165	100	89	216	165	100	107	241	178	100	127	267	191
1"	2.7	100	56	140	152	100	74	191	165	100	94	216	178	100	114	241	191	100	135	267	191
1-1/2"	3.9	100	69	140	0	100	89	191	0	100	109	216	191	100	130	241	203	100	150	267	216
2"	4.8	100	81	140	0	100	102	191	191	100	122	216	203	100	142	241	216	100	163	267	229
2-1/2"	5.8	100	94	140	0	100	114	191	203	100	135	216	216	100	155	241	229	100	175	267	241
3"	7.1	100	109	152	216	100	130	191	216	100	150	216	229	100	170	241	241	100	191	267	254
4"	11	100	135	178	241	100	155	203	241	100	175	229	254	100	196	241	267	100	216	267	279
6"	17	100	191	254	292	100	208	267	305	100	229	292	318	100	249	305	318	100	269	330	330
8"	23	100	241	305	343	100	259	318	356	100	279	343	368	100	300	356	368	100	320	381	381
10"	27	100	295	356	394	100	315	381	406	100	335	394	419	100	353	419	432	100	373	432	432
12"	29	100	345	406	445	100	366	432	457	100	386	445	470	100	404	470	483	100	424	483	483
14"	33	100	376	432	483	100	396	457	495	100	417	483	495	100	437	495	508	100	457	521	521
16"	39	100	427	483	533	100	447	508	546	100	467	533	559	100	488	546	559	150	508	572	622
18"	43	100	478	546	584	100	498	572	597	100	518	597	610	100	538	610	610	150	559	635	673
20"	45	100	528	597	635	100	549	622	648	100	569	648	660	100	589	660	660	150	610	686	724
24"	48	100	630	699	737	100	650	724	749	100	671	749	762	100	691	762	775	150	711	787	826
30"	63	100	782	851	889	100	803	876	902	100	823	902	914	150	843	914	978	150	864	940	978
36"	91	100	935	1003	1041	100	955	1029	1054	100	975	1054	1067	150	996	1067	1130	150	1016	1092	1130
42"	138	100	1087	1168	1194	100	1107	1194	1207	100	1128	1207	1219	150	1148	1232	1283	150	1168	1245	1283
48"	154	100	1240	1321	1346	100	1260	1346	1359	100	1280	1359	1372	150	1300	1384	1435	150	1321	1397	1435
56"	180	100	1443	1524	1549	100	1463	1549	1562	100	1483	1562	1575	150	1504	1588	1638	150	1524	1600	1638
60"	193	100	1544	1626	1651	100	1565	1651	1664	100	1585	1664	1676	150	1605	1689	1740	150	1626	1702	1740
66"	212	100	1697	1778	1778	100	1717	1803	1791	100	1737	1816	1803	150	1758	1842	1867	150	1778	1854	1867
72"	231	100	1849	1930	1956	100	1869	1956	1969	100	1890	1969	1981	150	1910	1994	2045	150	1930	2007	2045

*W - Dimension is calculated by multiplying (INSULATION OD*0.55), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

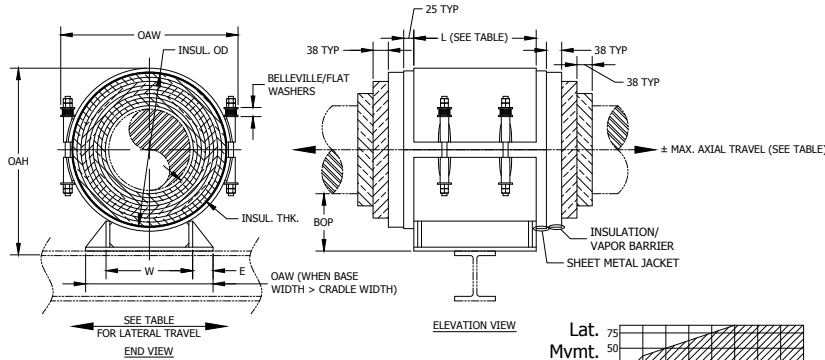
* See page 69 of this catalog for new designation model number construction.

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

CS(H)CW - 8 x 30 - 100 - 300 - 23

DESIGNATION
EXAMPLE

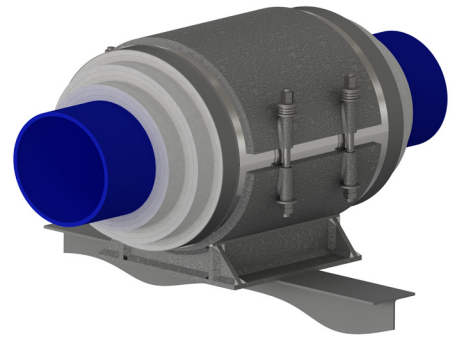
Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN)



NOTES:

- 1) Slide plates required for 26" NPS & up.
- 2) All dimensions in millimeters unless noted.

CryoWrap Resting Support



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

* L + 150mm for pipe sizes > 42"

NOM PIPE SIZE	VERT. LOAD (kN)	INSULATION THICKNESS																			
		110mm				120mm				130mm				140mm				150mm			
		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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																					
1/2"	1.6	200	244	318	343	200	262	318	356	200	282	330	368	200	302	356	381	250	323	368	508
3/4"	2.0	200	249	318	356	200	267	318	356	200	287	330	368	200	307	356	381	250	328	381	508
1"	2.7	200	254	318	356	200	274	318	368	200	295	343	381	200	315	368	394	250	335	381	508
1-1/2"	3.9	200	269	318	368	200	290	343	381	200	310	356	394	200	330	381	406	250	351	394	533
2"	4.8	200	282	330	381	200	302	356	394	200	323	368	406	200	340	394	419	250	361	406	533
2-1/2"	5.8	200	295	343	394	200	315	368	406	200	335	381	419	200	353	406	432	250	373	419	559
3"	7.1	200	310	356	419	200	330	381	419	200	351	394	432	200	371	419	445	250	391	445	572
4"	11	200	335	381	445	200	356	406	445	200	376	419	457	200	396	445	470	250	417	470	597
6"	17	200	389	445	495	200	409	470	508	200	429	495	521	200	450	508	521	250	470	533	648
8"	23	200	439	495	546	200	460	521	559	200	480	546	572	200	500	559	622	250	521	584	699
10"	27	200	495	559	597	200	513	572	610	200	533	597	622	200	554	610	686	250	574	635	749
12"	29	200	546	610	648	200	564	622	660	200	584	648	673	200	605	660	737	250	625	686	800
14"	33	200	577	635	686	200	597	660	686	200	617	673	699	200	638	699	762	250	658	724	826
16"	39	200	627	686	737	200	648	711	749	200	668	724	813	200	688	749	813	250	709	775	927
18"	43	200	678	749	787	200	699	775	800	200	719	787	864	200	739	813	864	250	759	838	978
20"	45	200	729	800	838	200	749	826	851	200	770	838	914	200	790	864	914	250	810	889	1029
24"	48	200	831	902	940	200	851	927	953	200	871	940	1016	200	892	965	1029	250	912	991	1143
30"	63	200	983	1054	1092	200	1003	1080	1156	200	1024	1092	1168	200	1044	1118	1181	250	1064	1143	1295
36"	91	200	1135	1207	1245	200	1156	1232	1308	200	1176	1245	1321	200	1196	1270	1334	250	1217	1295	1448
42"	138	200	1288	1372	1397	200	1308	1384	1461	200	1328	1410	1473	200	1349	1435	1486	250	1369	1448	1600
48"	154	200	1440	1524	1549	200	1461	1537	1613	200	1481	1562	1626	200	1501	1588	1638	250	1521	1600	1753
56"	180	200	1643	1727	1753	200	1664	1740	1816	200	1684	1765	1829	200	1704	1791	1842	250	1725	1803	1956
60"	193	200	1745	1829	1854	200	1765	1842	1918	200	1786	1867	1930	200	1806	1892	1943	250	1826	1905	2057
66"	212	200	1897	1981	1981	200	1918	1994	2045	200	1938	2019	2057	200	1958	2045	2070	250	1979	2057	2184
72"	231	200	2050	2134	2159	200	2070	2146	2223	200	2090	2172	2235	200	2111	2197	2248	250	2131	2210	2362

*W - Dimension is calculated by multiplying (INSULATION OD*0.55), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

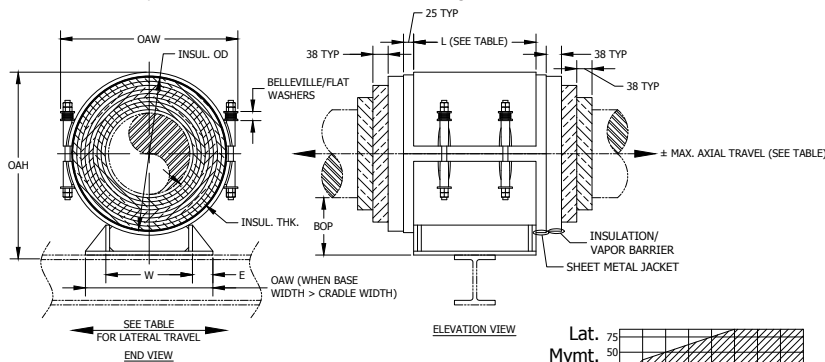
* See page 69 of this catalog for new designation model number construction.

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

CS(H)CW - 8 x 30 - 100 - 300 - 23

DESIGNATION
EXAMPLE

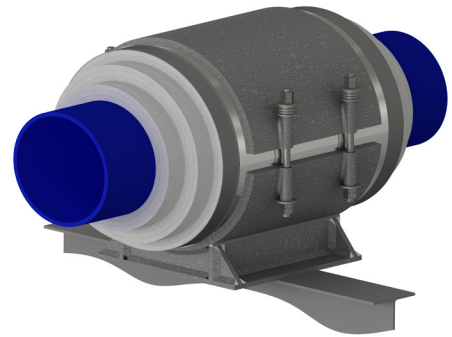
Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN)



NOTES:

- 1) Slide plates required for 26" NPS & up.
- 2) All dimensions in millimeters unless noted.

CryoWrap Resting Support



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

* L + 150mm for pipe sizes > 42"

NOM PIPE SIZE	VERT. LOAD (kN)	INSULATION THICKNESS																			
		110mm				120mm				130mm				140mm				150mm			
		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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																					
1/2"	1.6	200	244	318	343	200	262	318	356	200	282	330	368	200	302	356	381	250	323	368	508
3/4"	2.0	200	249	318	356	200	267	318	356	200	287	330	368	200	307	356	381	250	328	381	508
1"	2.7	200	254	318	356	200	274	318	368	200	295	343	381	200	315	368	394	250	335	381	508
1-1/2"	3.9	200	269	318	368	200	290	343	381	200	310	356	394	200	330	381	406	250	351	394	533
2"	4.8	200	282	330	381	200	302	356	394	200	323	368	406	200	340	394	419	250	361	406	533
2-1/2"	5.8	200	295	343	394	200	315	368	406	200	335	381	419	200	353	406	432	250	373	419	559
3"	7.1	200	310	356	419	200	330	381	419	200	351	394	432	200	371	419	445	250	391	445	572
4"	11	200	335	381	445	200	356	406	445	200	376	419	457	200	396	445	470	250	417	470	597
6"	17	200	389	445	495	200	409	470	508	200	429	495	521	200	450	508	521	250	470	533	648
8"	23	200	439	495	546	200	460	521	559	200	480	546	572	250	500	559	622	250	521	584	699
10"	27	200	495	559	597	200	513	572	610	200	533	597	622	250	554	610	686	250	574	635	749
12"	29	200	546	610	648	200	564	622	660	200	584	648	673	250	605	660	737	250	625	686	800
14"	33	200	577	635	686	200	597	660	686	200	617	673	699	250	638	699	762	250	658	724	826
16"	39	200	627	686	737	200	648	711	749	250	668	724	813	250	688	749	813	250	709	775	927
18"	43	200	678	749	787	200	699	775	800	250	719	787	864	250	739	813	864	250	759	838	978
20"	45	200	729	800	838	200	749	826	851	250	770	838	914	250	790	864	914	250	810	889	1029
24"	48	200	831	902	940	200	851	927	953	250	871	940	1016	250	892	965	1029	250	912	991	1143
30"	63	200	983	1054	1092	250	1003	1080	1156	250	1024	1092	1168	250	1044	1118	1181	250	1064	1143	1295
36"	91	200	1135	1207	1245	250	1156	1232	1308	250	1176	1245	1321	250	1196	1270	1334	250	1217	1295	1448
42"	138	200	1288	1372	1397	250	1308	1384	1461	250	1328	1410	1473	250	1349	1435	1486	250	1369	1448	1600
48"	154	200	1440	1524	1549	250	1461	1537	1613	250	1481	1562	1626	250	1501	1588	1638	250	1521	1600	1753
56"	180	200	1643	1727	1753	250	1664	1740	1816	250	1684	1765	1829	250	1704	1791	1842	250	1725	1803	1956
60"	193	200	1745	1829	1854	250	1765	1842	1918	250	1786	1867	1930	250	1806	1892	1943	250	1826	1905	2057
66"	212	200	1897	1981	1981	250	1918	1994	2045	250	1938	2019	2057	250	1958	2045	2070	250	1979	2057	2184
72"	231	200	2050	2134	2159	250	2070	2146	2223	250	2090	2172	2235	250	2111	2197	2248	250	2131	2210	2362

*W - Dimension is calculated by multiplying (INSULATION OD*0.55), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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

Ordering Instructions:

To Order, Please Specify:

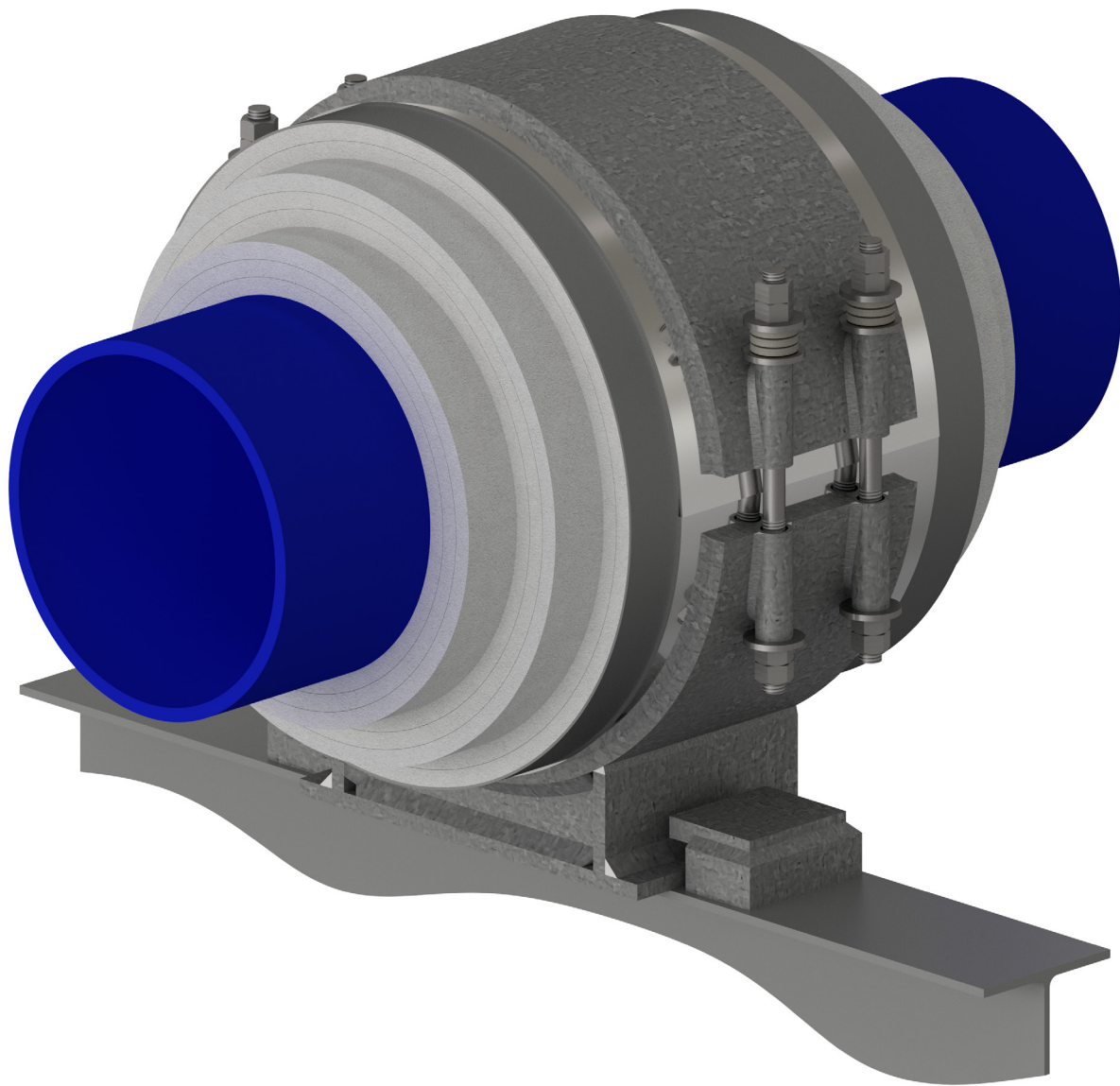
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

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

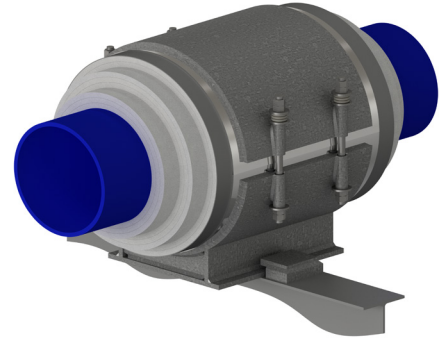
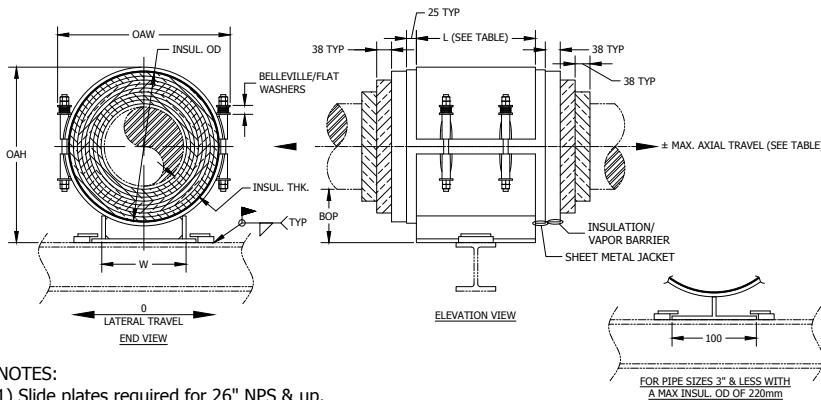
CryoWrap

Vertically Restrained Guided Supports



CGCW - 8 x 30 - 100 - 300 - 19 - 6.8 DESIGNATION EXAMPLE

CryoWrap Guided Support



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

* L + 150mm for pipe sizes > 42"

NOTES:

- 1) Slide plates required for 26" NPS & up.
- 2) All dimensions in millimeters unless noted.

NOM PIPE SIZE	VERT. LOAD (kN)	LAT. LOAD (kN)	INSULATION THICKNESS																				
			10mm				20mm				30mm				40mm				50mm				
			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)	
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																							
1/2"	1.3	0.5	100	43	152	140	100	64	152	152	100	84	152	165	100	102	152	178	100	122	165	191	
3/4"	1.7	0.6	100	48	152	152	100	69	152	165	100	89	152	165	100	107	152	178	100	127	178	191	
1"	2.3	0.8	100	56	152	152	100	74	152	165	100	94	152	178	100	114	165	191	100	135	178	191	
1-1/2"	3.3	1.2	100	69	152	165	100	89	152	178	100	109	152	191	100	130	178	203	100	150	203	216	
2"	4.1	1.5	100	81	152	178	100	102	152	191	100	122	165	203	100	142	191	216	100	163	216	229	
2-1/2"	5.0	1.8	100	94	152	191	100	114	165	203	100	135	178	216	100	155	203	229	100	175	229	241	
3"	6.0	2.1	100	109	152	216	100	130	178	216	100	150	203	229	100	170	216	241	100	191	241	254	
4"	9.5	3.3	100	135	191	241	100	155	203	241	100	175	229	254	100	196	241	267	100	216	267	279	
6"	14	5.0	100	191	254	292	100	208	267	305	100	229	292	318	100	249	305	318	100	269	330	330	
8"	19	6.8	100	241	305	343	100	259	318	356	100	279	343	368	100	300	356	368	100	320	381	381	
10"	23	7.9	100	295	356	394	100	315	381	406	100	335	394	419	100	353	419	432	100	373	432	432	
12"	25	8.7	100	345	406	445	100	366	432	457	100	386	445	470	100	404	470	483	100	424	483	483	
14"	28	9.9	100	376	432	483	100	396	457	495	100	417	483	495	100	437	495	508	100	457	521	521	
16"	33	12	100	427	483	533	100	447	508	546	100	467	533	559	100	488	546	559	150	508	572	622	
18"	36	13	100	478	546	584	100	498	572	597	100	518	597	610	100	538	610	610	150	559	635	673	
20"	39	14	100	528	597	635	100	549	622	648	100	569	648	660	100	589	660	660	150	610	686	724	
24"	41	14	100	630	699	737	100	650	724	749	100	671	749	762	100	691	762	775	150	711	787	826	
30"	53	19	100	782	851	889	100	803	876	902	100	823	902	914	150	843	914	978	150	864	940	978	
36"	77	27	100	935	1003	1041	100	955	1029	1054	100	975	1054	1067	150	996	1067	1130	150	1016	1092	1130	
42"	117	41	100	1087	1168	1194	100	1107	1194	1207	100	1128	1207	1219	150	1148	1232	1283	150	1168	1245	1283	
48"	131	46	100	1240	1321	1346	100	1260	1346	1359	100	1280	1359	1372	150	1300	1384	1435	150	1321	1397	1435	
56"	153	53	100	1443	1524	1549	100	1463	1549	1562	100	1483	1562	1575	150	1504	1588	1638	150	1524	1600	1638	
60"	164	57	100	1544	1626	1651	100	1565	1651	1664	100	1585	1664	1676	150	1605	1689	1740	150	1626	1702	1740	
66"	180	63	100	1697	1778	1778	100	1717	1803	1791	100	1737	1816	1803	150	1758	1842	1867	150	1778	1854	1867	
72"	197	69	100	1849	1930	1956	100	1869	1956	1969	100	1890	1969	1981	150	1910	1994	2045	150	1930	2007	2045	

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

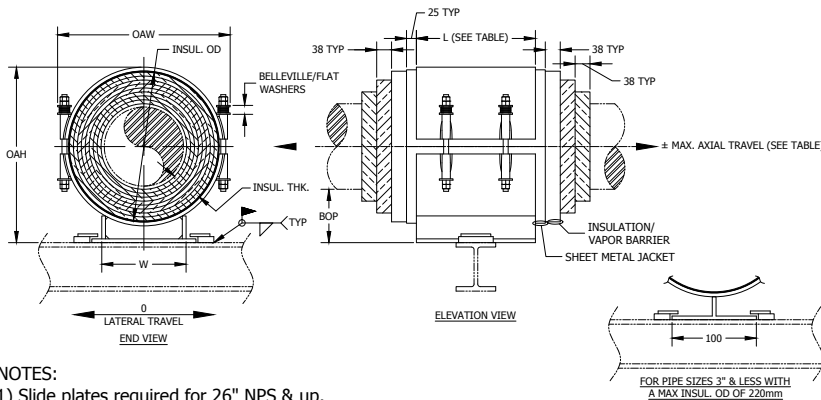
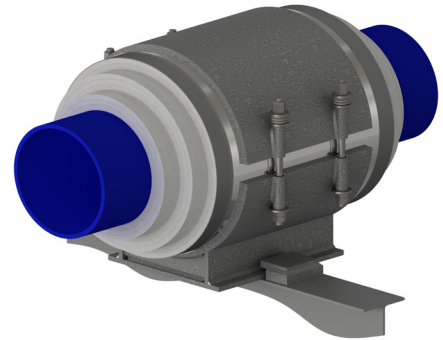
* See page 69 of this catalog for new designation model number construction.

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

CGCW - 8 x 30 - 100 - 300 - 19 - 6.8

DESIGNATION
EXAMPLE

CryoWrap Guided Support



NOTES:

- 1) Slide plates required for 26" NPS & up.
- 2) All dimensions in millimeters unless noted.

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

* L + 150mm for pipe sizes > 42"

NOM PIPE SIZE	VERT. LOAD (kN)	LAT. LOAD (kN)	INSULATION THICKNESS																				
			60mm				70mm				80mm				90mm				100mm				
			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)	
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																							
1/2"	1.3	0.5	100	43	152	140	100	64	152	152	100	84	152	165	100	102	152	178	100	122	165	191	
3/4"	1.7	0.6	100	48	152	152	100	69	152	165	100	89	152	165	100	107	152	178	100	127	178	191	
1"	2.3	0.8	100	56	152	152	100	74	152	165	100	94	152	178	100	114	165	191	100	135	178	191	
1-1/2"	3.3	1.2	100	69	152	165	100	89	152	178	100	109	152	191	100	130	178	203	100	150	203	216	
2"	4.1	1.5	100	81	152	178	100	102	152	191	100	122	165	203	100	142	191	216	100	163	216	229	
2-1/2"	5.0	1.8	100	94	152	191	100	114	165	203	100	135	178	216	100	155	203	229	100	175	229	241	
3"	6.0	2.1	100	109	152	216	100	130	178	216	100	150	203	229	100	170	216	241	100	191	241	254	
4"	9.5	3.3	100	135	191	241	100	155	203	241	100	175	229	254	100	196	241	267	100	216	267	279	
6"	14	5.0	100	191	254	292	100	208	267	305	100	229	292	318	100	249	305	318	100	269	330	330	
8"	19	6.8	100	241	305	343	100	259	318	356	100	279	343	368	100	300	356	368	100	320	381	381	
10"	23	7.9	100	295	356	394	100	315	381	406	100	335	394	419	100	353	419	432	100	373	432	432	
12"	25	8.7	100	345	406	445	100	366	432	457	100	386	445	470	100	404	470	483	100	424	483	483	
14"	28	9.9	100	376	432	483	100	396	457	495	100	417	483	495	100	437	495	508	100	457	521	521	
16"	33	12	100	427	483	533	100	447	508	546	100	467	533	559	100	488	546	559	150	508	572	622	
18"	36	13	100	478	546	584	100	498	572	597	100	518	597	610	100	538	610	610	150	559	635	673	
20"	39	14	100	528	597	635	100	549	622	648	100	569	648	660	100	589	660	660	150	610	686	724	
24"	41	14	100	630	699	737	100	650	724	749	100	671	749	762	100	691	762	775	150	711	787	826	
30"	53	19	100	782	851	889	100	803	876	902	100	823	902	914	150	843	914	978	150	864	940	978	
36"	77	27	100	935	1003	1041	100	955	1029	1054	100	975	1054	1067	150	996	1067	1130	150	1016	1092	1130	
42"	117	41	100	1087	1168	1194	100	1107	1194	1207	100	1128	1207	1219	150	1148	1232	1283	150	1168	1245	1283	
48"	131	46	100	1240	1321	1346	100	1260	1346	1359	100	1280	1359	1372	150	1300	1384	1435	150	1321	1397	1435	
56"	153	53	100	1443	1524	1549	100	1463	1549	1562	100	1483	1562	1575	150	1504	1588	1638	150	1524	1600	1638	
60"	164	57	100	1544	1626	1651	100	1565	1651	1664	100	1585	1664	1676	150	1605	1689	1740	150	1626	1702	1740	
66"	180	63	100	1697	1778	1778	100	1717	1803	1791	100	1737	1816	1803	150	1758	1842	1867	150	1778	1854	1867	
72"	197	69	100	1849	1930	1956	100	1869	1956	1969	100	1890	1969	1981	150	1910	1994	2045	150	1930	2007	2045	

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

**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
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

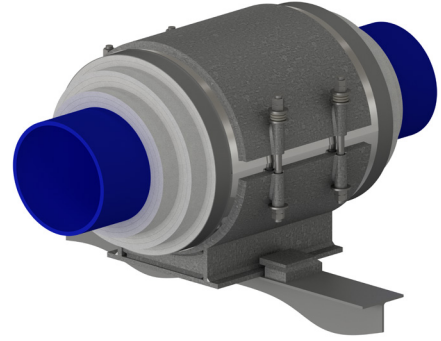
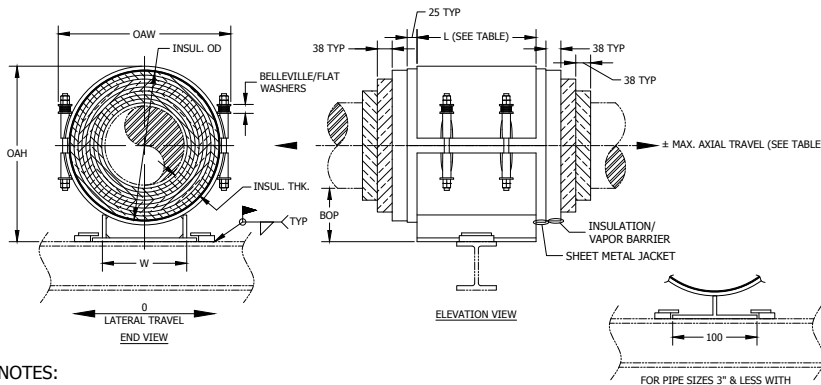
** Information presented on this page subject to change without notice.

CGCW - 8 x 30 - 100 - 300 - 19 - 6.8

DESIGNATION
EXAMPLE

CryoWrap Guided Support

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN)



NOTES:

- Slide plates required for 26" NPS & up.
- All dimensions in millimeters unless noted.

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

* L + 150mm for pipe sizes > 42"

NOM PIPE SIZE	VERT. LOAD (kN)	LAT. LOAD (kN)	INSULATION THICKNESS																			
			110mm				120mm				130mm				140mm				150mm			
			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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																						
1/2"	1.3	0.5	200	244	292	343	200	262	305	356	200	282	330	368	200	302	356	381	250	323	368	432
3/4"	1.7	0.6	200	249	292	356	200	267	318	356	200	287	330	368	200	307	356	381	250	328	381	445
1"	2.3	0.8	200	254	305	356	200	274	318	368	200	295	343	381	200	315	368	394	250	335	381	445
1-1/2"	3.3	1.2	200	269	318	368	200	290	343	381	200	310	356	394	200	330	381	406	250	351	394	470
2"	4.1	1.5	200	282	330	381	200	302	356	394	200	323	368	406	200	340	394	419	250	361	406	470
2-1/2"	5.0	1.8	200	295	343	394	200	315	368	406	200	335	381	419	200	353	406	432	250	373	419	483
3"	6.0	2.1	200	310	356	419	200	330	381	419	200	351	394	432	200	371	419	445	250	391	445	508
4"	9.5	3.3	200	335	381	445	200	356	406	445	200	376	419	457	200	396	445	470	250	417	470	533
6"	14	5.0	200	389	445	495	200	409	470	508	200	429	495	521	200	450	508	521	250	470	533	584
8"	19	6.8	200	439	495	546	200	460	521	559	200	480	546	572	250	500	559	622	250	521	584	635
10"	23	7.9	200	495	559	597	200	513	572	610	200	533	597	622	250	554	610	686	250	574	635	686
12"	25	8.7	200	546	610	648	200	564	622	660	200	584	648	673	250	605	660	737	250	625	686	737
14"	28	9.9	200	577	635	686	200	597	660	686	200	617	673	699	250	638	699	762	250	658	724	775
16"	33	12	200	627	686	737	200	648	711	749	250	668	724	813	250	688	749	813	250	709	775	826
18"	36	13	200	678	749	787	200	699	775	800	250	719	787	864	250	739	813	864	250	759	838	876
20"	39	14	200	729	800	838	200	749	826	851	250	770	838	914	250	790	864	914	250	810	889	927
24"	41	14	200	831	902	940	200	851	927	953	250	871	940	1016	250	892	965	1029	250	912	991	1029
30"	53	19	200	983	1054	1092	250	1003	1080	1156	250	1024	1092	1168	250	1044	1118	1181	250	1064	1143	1181
36"	77	27	200	1135	1207	1245	250	1156	1232	1308	250	1176	1245	1321	250	1196	1270	1334	250	1217	1295	1334
42"	117	41	200	1288	1372	1397	250	1308	1384	1461	250	1328	1410	1473	250	1349	1435	1486	250	1369	1448	1486
48"	131	46	200	1440	1524	1549	250	1461	1537	1613	250	1481	1562	1626	250	1501	1588	1638	250	1521	1600	1638
56"	153	53	200	1643	1727	1753	250	1664	1740	1816	250	1684	1765	1829	250	1704	1791	1842	250	1725	1803	1842
60"	164	57	200	1745	1829	1854	250	1765	1842	1918	250	1786	1867	1930	250	1806	1892	1943	250	1826	1905	1943
66"	180	63	200	1897	1981	1981	250	1918	1994	2045	250	1938	2019	2057	250	1958	2045	2070	250	1979	2057	2070
72"	197	69	200	2050	2134	2159	250	2070	2146	2223	250	2090	2172	2235	250	2111	2197	2248	250	2131	2210	2248

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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

Ordering Instructions:

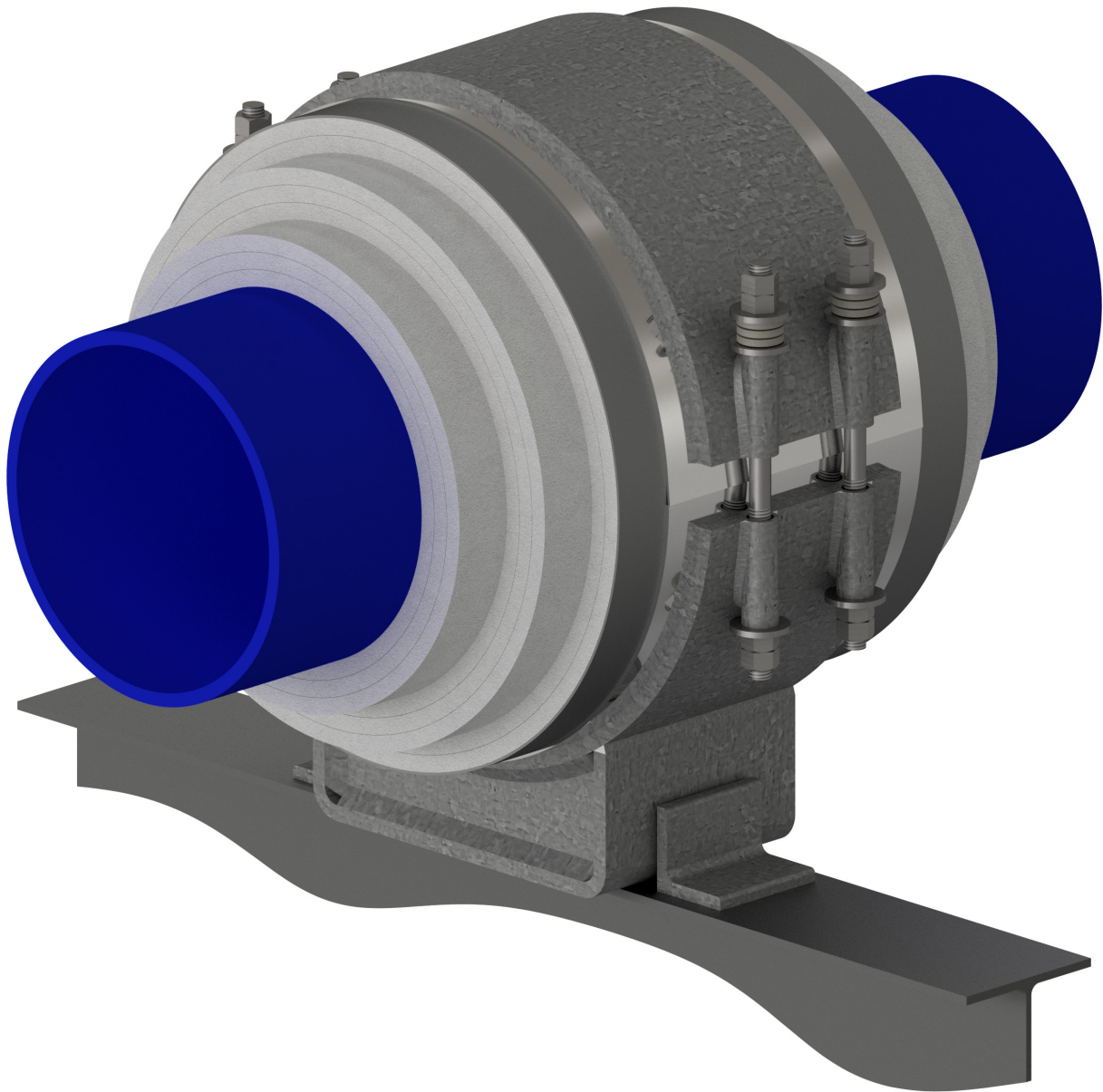
To Order, Please Specify:

- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

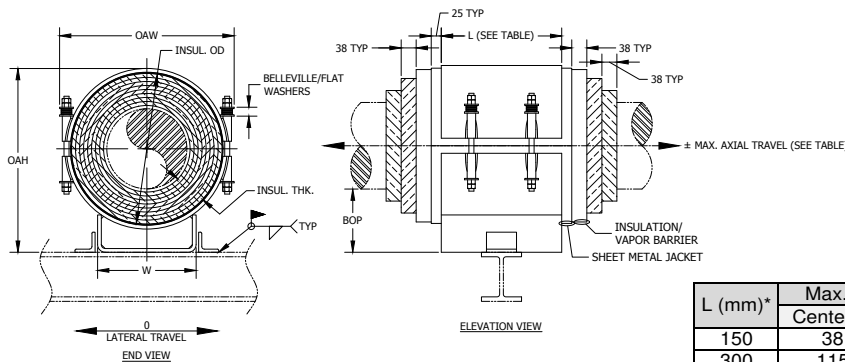
** Information presented on this page subject to change without notice.

CryoWrap Guided Supports



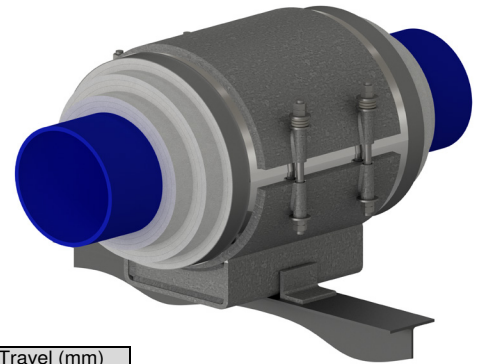
CG(L)CW - 8 x 30 - 100 - 300 - 19 - 9.7 DESIGNATION
 Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN)
 EXAMPLE

CryoWrap Guided Support



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

* L + 150mm for pipe sizes > 42"



NOTES:

- Slide plates required for 26" NPS & up.
- All dimensions in millimeters unless noted.

NOM PIPE SIZE	VERT. LOAD (kN)	LAT. LOAD (kN)	INSULATION THICKNESS																				
			10mm				20mm				30mm				40mm				50mm				
			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)	
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																							
1/2"	1.3	0.7	x	x	x	x	x	x	x	x	x	x	x	x	100	102	178	178	100	122	191	191	
3/4"	1.7	0.9	x	x	x	x	x	x	x	x	x	x	x	x	100	107	178	178	100	127	191	191	
1"	2.3	1.1	x	x	x	x	x	x	x	x	x	x	x	x	100	114	178	191	100	135	191	191	
1-1/2"	3.3	1.6	x	x	x	x	x	x	x	x	100	109	178	191	100	130	191	203	100	150	203	216	
2"	4.1	2.1	x	x	x	x	100	102	178	191	100	122	191	203	100	142	203	216	100	163	216	229	
2-1/2"	5.0	2.5	x	x	x	x	100	114	178	203	100	135	191	216	100	155	203	229	100	175	229	241	
3"	6.0	3.0	100	109	178	216	100	130	191	216	100	150	203	229	100	170	216	241	100	191	241	254	
4"	9.5	4.7	100	135	191	241	100	155	203	241	100	175	229	254	100	196	241	267	100	216	267	279	
6"	14	7.2	100	191	279	292	100	208	292	305	100	229	305	318	100	249	318	318	100	269	330	330	
8"	19	9.7	100	241	318	343	100	259	330	356	100	279	343	368	100	300	356	368	100	320	381	381	
10"	23	11	100	295	406	394	100	315	419	406	100	335	432	419	100	353	445	432	100	373	457	432	
12"	25	12	100	345	432	445	100	366	445	457	100	386	457	470	100	404	470	483	100	424	483	483	
14"	28	14	100	376	457	483	100	396	470	495	100	417	483	495	100	437	495	508	100	457	521	521	
16"	33	16	100	427	483	533	100	447	508	546	100	467	533	559	100	488	546	559	150	508	572	622	
18"	36	18	100	478	546	584	100	498	572	597	100	518	597	610	100	538	610	610	150	559	635	673	
20"	39	19	100	528	597	635	100	549	622	648	100	569	648	660	100	589	660	660	150	610	686	724	
24"	41	20	100	630	699	737	100	650	724	749	100	671	749	762	100	691	762	775	150	711	787	826	
30"	53	27	100	782	851	889	100	803	876	902	100	823	902	914	150	843	914	978	150	864	940	978	
36"	77	39	100	935	1003	1041	100	955	1029	1054	100	975	1054	1067	150	996	1067	1130	150	1016	1092	1130	
42"	117	59	100	1087	1168	1194	100	1107	1194	1207	100	1128	1207	1219	150	1148	1232	1283	150	1168	1245	1283	
48"	131	65	100	1240	1321	1346	100	1260	1346	1359	100	1280	1359	1372	150	1300	1384	1435	150	1321	1397	1435	
56"	153	76	100	1443	1524	1549	100	1463	1549	1562	100	1483	1562	1575	150	1504	1588	1638	150	1524	1600	1638	
60"	164	82	100	1544	1626	1651	100	1565	1651	1664	100	1585	1664	1676	150	1605	1689	1740	150	1626	1702	1740	
66"	180	90	100	1697	1778	1778	100	1717	1803	1791	100	1737	1816	1803	150	1758	1842	1867	150	1778	1854	1867	
72"	197	98	100	1849	1930	1956	100	1869	1956	1969	100	1890	1969	1981	150	1910	1994	2045	150	1930	2007	2045	

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

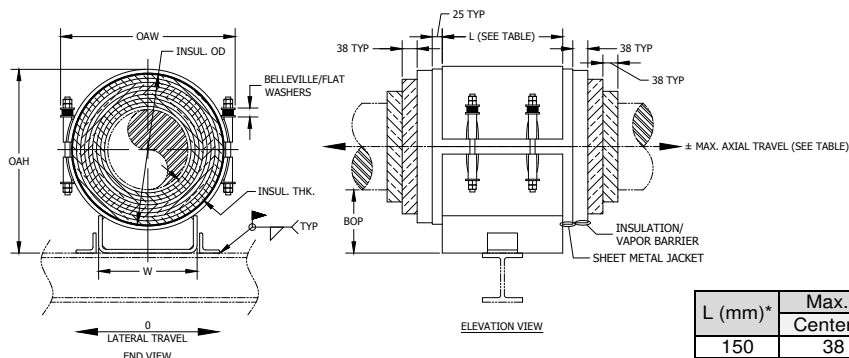
* See page 69 of this catalog for new designation model number construction.

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

CG(L)CW - 8 x 30 - 100 - 300 - 19 - 9.7

DESIGNATION
EXAMPLE

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN)

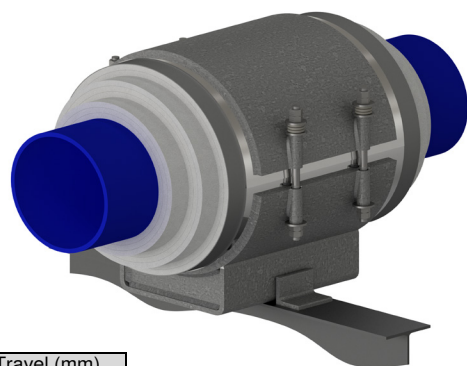


NOTES:

- 1) Slide plates required for 26" NPS & up.
- 2) All dimensions in millimeters unless noted.

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

* L + 150mm for pipe sizes > 42"



PIPE SIZE	VERT. LOAD (lbs)	LAT. LOAD (lbs)	INSULATION THICKNESS																			
			60mm				70mm				80mm				90mm				100mm			
			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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																						
1/2"	300	150	4	5.6	8	7.5	6	6.4	8.5	10	6	7.2	9	10.5	6	8	10	11	6	8.8	10.5	11.5
3/4"	385	195	4	5.8	8	8	6	6.6	8.5	10.5	6	7.4	9.5	10.5	6	8.2	10	11	6	9	11	11.5
1"	510	255	4	6.1	8	8	6	6.9	9	10.5	6	7.7	9.5	11	6	8.5	10.5	11.5	6	9.2	11	11.5
1-1/2"	740	370	4	6.7	8.5	8.5	6	7.5	9.5	11	6	8.2	10	11.5	6	9	11	12	6	9.8	11.5	12.5
2"	930	465	4	7.1	9	9	6	7.9	10	11.5	6	8.7	10.5	12	6	9.5	11.5	12.5	6	10.3	12	13
2-1/2"	1115	560	4	7.6	9.5	9.5	6	8.4	10.5	12	6	9.2	11	12.5	6	10	12	13	6	10.8	12.5	13.5
3"	1360	680	4	8.3	10	10.5	6	9.1	11	12.5	6	9.8	11.5	13	6	10.6	12.5	13.5	6	11.4	13.5	14
4"	2125	1065	4	9.3	11	11.5	6	10.1	12	13.5	6	10.8	12.5	14	6	11.6	13.5	14.5	6	12.4	14.5	15
6"	3230	1615	4	11.4	14	13.5	6	12.2	14.5	16	6	13	15.5	16.5	6	13.8	16	16.5	6	14.5	17	17
8"	4335	2170	6	13.4	16	17.5	6	14.2	16.5	18	6	15	17.5	18.5	6	15.8	18	18.5	8	16.5	19	21
10"	5100	2550	6	15.5	18.5	19.5	6	16.3	19	20	6	17.1	19.5	20.5	6	17.9	20.5	21	8	18.7	21	23
12"	5610	2805	6	17.5	20	21.5	6	18.3	20.5	22	6	19.1	21.5	22.5	6	19.9	22.5	23	8	20.7	23	25
14"	6375	3190	6	18.8	21	23	6	19.6	22	23.5	6	20.3	22.5	23.5	6	21.1	23.5	24	8	21.9	24.5	26.5
16"	7395	3700	6	20.8	23	25	6	21.6	24	25.5	6	22.3	24.5	26	8	23.1	25.5	28	8	23.9	26.5	28.5
18"	8160	4080	6	22.8	25.5	27	6	23.6	26.5	27.5	6	24.3	27	28	8	25.1	28	30	8	25.9	29	30.5
20"	8670	4335	6	24.8	27.5	29	6	25.6	28.5	29.5	6	26.3	29	30	8	27.1	30	32	8	27.9	31	32.5
24"	9180	4590	6	28.8	31.5	33	6	29.6	32.5	33.5	6	30.3	33	34	8	31.1	34	36.5	8	31.9	35	36.5
30"	11985	5995	6	34.8	37.5	39	6	35.6	38.5	39.5	8	36.3	39	42	8	37.1	40	42.5	8	37.9	41	42.5
36"	17360	8680	6	40.8	43.5	45	6	41.6	44.5	45.5	8	42.3	45	48	8	43.1	46	48.5	8	43.9	47	48.5
42"	26350	13175	6	46.8	50	51	6	47.6	51	51.5	8	48.3	51.5	54	8	49.1	52.5	54.5	8	49.9	53	54.5
48"	29410	14705	6	52.8	56	57	6	53.6	57	57.5	8	54.3	57.5	60	8	55.1	58.5	60.5	8	55.9	59	60.5
56"	34340	17170	6	60.8	64	65	6	61.6	65	65.5	8	62.3	65.5	68	8	63.1	66.5	68.5	8	63.9	67	68.5
60"	36805	18405	6	64.8	68	69	6	65.6	69	69.5	8	66.3	69.5	72	8	67.1	70.5	72.5	8	67.9	71	72.5
66"	40460	20230	6	70.8	74	74	6	71.6	75	74.5	8	72.3	75.5	77	8	73.1	76.5	77.5	8	73.9	77	77.5
72"	44200	22100	6	76.8	80	81	6	77.6	81	81.5	8	78.3	81.5	84	8	79.1	82.5	84.5	8	79.9	83	84.5

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

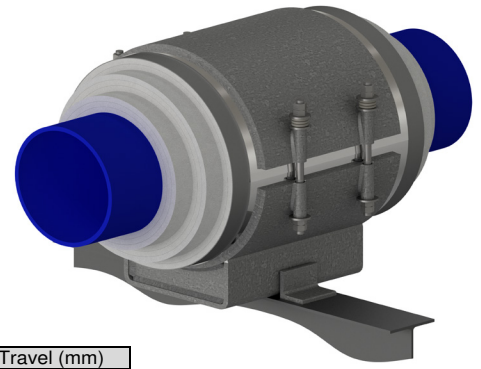
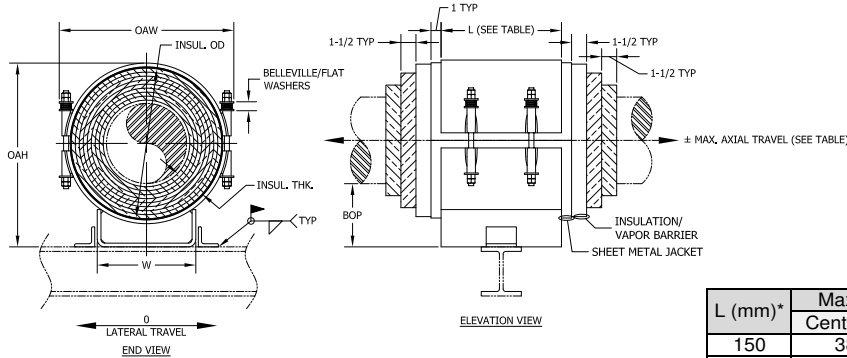
* See page 69 of this catalog for new designation model number construction.

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



CG(L)CW - 8 x 30 - 100 - 300 - 19 - 9.7 DESIGNATION
 Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN)
 EXAMPLE

CryoWrap Guided Support



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

* L + 150mm for pipe sizes > 42"

NOTES:

- 1) Slide plates required for 26" NPS & up.
- 2) All dimensions in inches unless noted.

NOM PIPE SIZE	VERT. LOAD (kN)	LAT. LOAD (kN)	INSULATION THICKNESS																			
			110mm				120mm				130mm				140mm				150mm			
			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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																						
1/2"	1.3	0.7	200	244	292	343	200	262	305	356	200	282	330	368	200	302	356	381	250	323	368	432
3/4"	1.7	0.9	200	249	292	356	200	267	318	356	200	287	330	368	200	307	356	381	250	328	381	445
1"	2.3	1.1	200	254	305	356	200	274	318	368	200	295	343	381	200	315	368	394	250	335	381	445
1-1/2"	3.3	1.6	200	269	318	368	200	290	343	381	200	310	356	394	200	330	381	406	250	351	394	470
2"	4.1	2.1	200	282	330	381	200	302	356	394	200	323	368	406	200	340	394	419	250	361	406	470
2-1/2"	5.0	2.5	200	295	343	394	200	315	368	406	200	335	381	419	200	353	406	432	250	373	419	483
3"	6.0	3.0	200	310	356	419	200	330	381	419	200	351	394	432	200	371	419	445	250	391	445	508
4"	9.5	4.7	200	335	381	445	200	356	406	445	200	376	419	457	200	396	445	470	250	417	470	533
6"	14	7.2	200	389	445	495	200	409	470	508	200	429	495	521	200	450	508	521	250	470	533	584
8"	19	9.7	200	439	495	546	200	460	521	559	200	480	546	572	250	500	559	622	250	521	584	635
10"	23	11	200	495	559	597	200	513	572	610	200	533	597	622	250	554	610	686	250	574	635	686
12"	25	12	200	546	610	648	200	564	622	660	200	584	648	673	250	605	660	737	250	625	686	737
14"	28	14	200	577	635	686	200	597	660	686	200	617	673	699	250	638	699	762	250	658	724	775
16"	33	16	200	627	686	737	200	648	711	749	250	668	724	813	250	688	749	813	250	709	775	826
18"	36	18	200	678	749	787	200	699	775	800	250	719	787	864	250	739	813	864	250	759	838	876
20"	39	19	200	729	800	838	200	749	826	851	250	770	838	914	250	790	864	914	250	810	889	927
24"	41	20	200	831	902	940	200	851	927	953	250	871	940	1016	250	892	965	1029	250	912	991	1029
30"	53	27	200	983	1054	1092	250	1003	1080	1156	250	1024	1092	1168	250	1044	1118	1181	250	1064	1143	1181
36"	77	39	200	1135	1207	1245	250	1156	1232	1308	250	1176	1245	1321	250	1196	1270	1334	250	1217	1295	1334
42"	117	59	200	1288	1372	1397	250	1308	1384	1461	250	1328	1410	1473	250	1349	1435	1486	250	1369	1448	1486
48"	131	65	200	1440	1524	1549	250	1461	1537	1613	250	1481	1562	1626	250	1501	1588	1638	250	1521	1600	1638
56"	153	76	200	1643	1727	1753	250	1664	1740	1816	250	1684	1765	1829	250	1704	1791	1842	250	1725	1803	1842
60"	164	82	200	1745	1829	1854	250	1765	1842	1918	250	1786	1867	1930	250	1806	1892	1943	250	1826	1905	1943
66"	180	90	200	1897	1981	1981	250	1918	1994	2045	250	1938	2019	2057	250	1958	2045	2070	250	1979	2057	2070
72"	197	98	200	2050	2134	2159	250	2070	2146	2223	250	2090	2172	2235	250	2111	2197	2248	250	2131	2210	2248

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
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- Steel finish available in galvanized finish or painted
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- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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

Ordering Instructions:

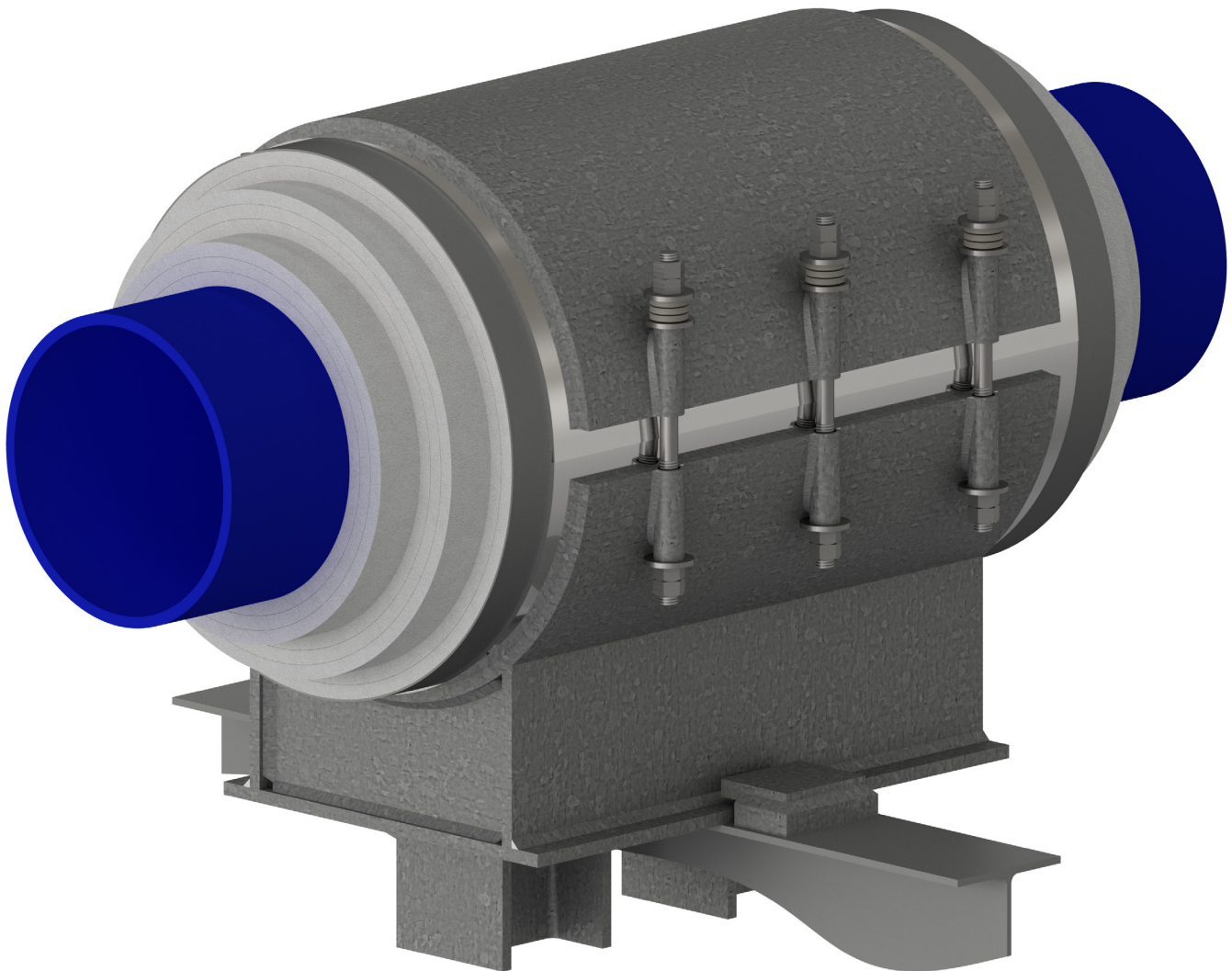
To Order, Please Specify:

- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

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

CryoWrap Anchored Supports

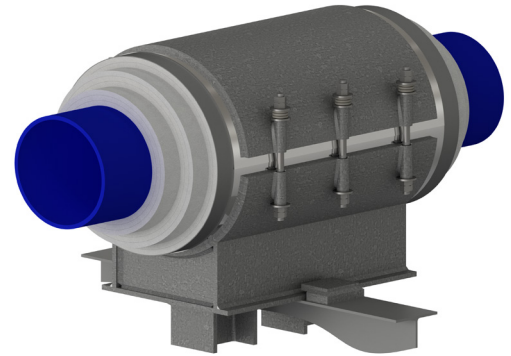
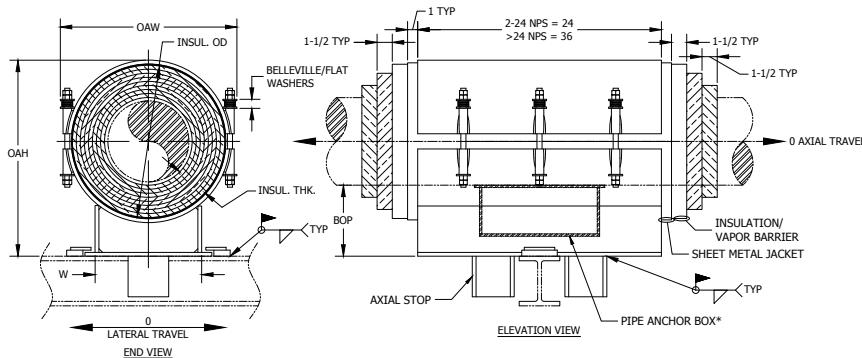


CACW - 8 x 30 - 150 - 600 - 19 - 6.8 - 8.3

CryoWrap Anchored Support

DESIGNATION
EXAMPLE

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN) Axial Load (kN)

**NOTES:**

1) All dimensions in inches unless noted.

* - Pipe anchor box to be compatible with process pipe material.

NOM PIPE SIZE	VERT. LOAD (kN)	LAT. LOAD (kN)	AXI. LOAD (kN)	INSULATION THICKNESS																			
				10mm				20mm				30mm				40mm				50mm			
				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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																							
1"	2.3	0.8	2.4	100	56	152	152	100	74	191	165	100	94	216	178	100	114	241	191	100	135	267	191
1-1/2"	3.3	1.2	2.4	100	69	165	165	100	89	191	178	100	109	216	191	100	130	241	203	100	150	267	216
2"	4.1	1.5	2.4	100	81	165	178	100	102	191	191	100	122	216	203	100	142	241	216	100	163	267	229
2-1/2"	5.0	1.8	3.4	100	94	178	191	100	114	203	203	100	135	216	216	100	155	241	229	100	175	267	241
3"	6.0	2.1	2.9	100	109	191	216	100	130	216	216	100	150	229	229	100	170	241	241	100	191	267	254
4"	9.5	3.3	3.4	100	135	216	241	100	155	229	241	100	175	254	254	100	196	267	267	100	216	279	279
6"	14	5.0	6.7	100	191	267	292	100	208	279	305	100	229	292	318	100	249	318	318	100	269	330	330
8"	19	6.8	8.3	100	241	305	343	100	259	318	356	100	279	343	368	100	300	356	368	100	320	381	381
10"	23	7.9	11	100	295	356	394	100	315	381	406	100	335	394	419	100	353	419	432	100	373	432	432
12"	25	8.7	20	100	345	406	445	100	366	432	457	100	386	445	470	100	404	470	483	100	424	483	483
14"	28	9.9	21	100	376	432	483	100	396	457	495	100	417	483	495	100	437	495	508	100	457	521	521
16"	33	12	22	100	427	483	533	100	447	508	546	100	467	533	559	100	488	546	559	150	508	572	622
18"	36	13	24	100	478	546	584	100	498	572	597	100	518	597	610	100	538	610	610	150	559	635	673
20"	39	14	27	100	528	597	635	100	549	622	648	100	569	648	660	100	589	660	660	150	610	686	724
24"	41	14	57	100	630	699	737	100	650	724	749	100	671	749	762	100	691	762	775	150	711	787	826
30"	53	19	71	100	782	851	889	100	803	876	902	100	823	902	914	150	843	914	978	150	864	940	978
36"	77	27	84	100	935	1003	1041	100	955	1029	1054	100	975	1054	1067	150	996	1067	1130	150	1016	1092	1130
42"	117	41	97	100	1087	1168	1194	100	1107	1194	1207	100	1128	1207	1219	150	1148	1232	1283	150	1168	1245	1283
48"	131	46	101	100	1240	1321	1346	100	1260	1346	1359	100	1280	1359	1372	150	1300	1384	1435	150	1321	1397	1435
56"	153	53	113	100	1443	1524	1549	100	1463	1549	1562	100	1483	1562	1575	150	1504	1588	1638	150	1524	1600	1638
60"	164	57	116	100	1544	1626	1651	100	1565	1651	1664	100	1585	1664	1676	150	1605	1689	1740	150	1626	1702	1740
66"	180	63	118	100	1697	1778	1778	100	1717	1803	1791	100	1737	1816	1803	150	1758	1842	1867	150	1778	1854	1867
72"	197	69	119	100	1849	1930	1956	100	1869	1956	1969	100	1890	1969	1981	150	1910	1994	2045	150	1930	2007	2045

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
- Patented anchor system allows increased load carrying capability and decreased heat transfer
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

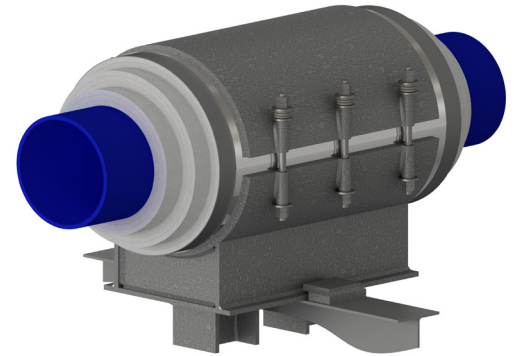
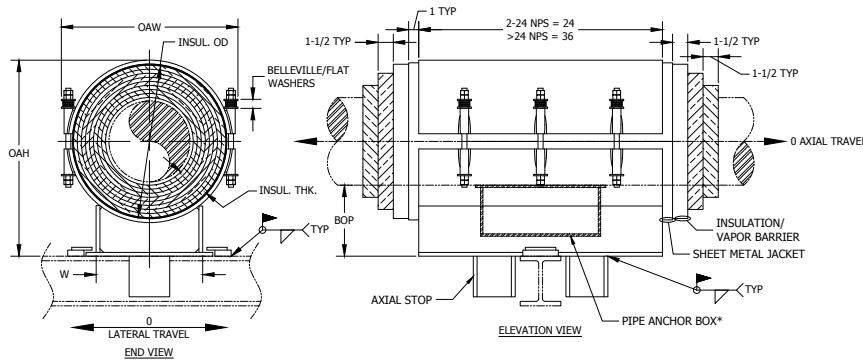
** Information presented on this page subject to change without notice.

CACW - 8 x 30 - 150 - 600 - 19 - 6.8 - 8.3

CryoWrap Anchored Support

DESIGNATION
EXAMPLE

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN) Axial Load (kN)



NOTES:

1) All dimensions in inches unless noted.

* - Pipe anchor box to be compatible with process pipe material.

NOM PIPE SIZE	VERT. LOAD (lbs)	LAT. LOAD (lbs)	AXI. LOAD (lbs)	INSULATION THICKNESS																			
				60mm				70mm				80mm				90mm				100mm			
				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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																							
1"	2.3	0.8	2.4	100	155	318	203	150	175	318	267	150	196	318	279	150	216	318	292	150	234	318	292
1-1/2"	3.3	1.2	2.4	100	170	318	216	150	191	318	279	150	208	318	292	150	229	318	305	150	249	318	318
2"	4.1	1.5	2.4	100	180	318	229	150	201	318	292	150	221	318	305	150	241	318	318	150	262	330	330
2-1/2"	5.0	1.8	3.4	100	193	318	241	150	213	318	305	150	234	318	318	150	254	318	330	150	274	330	343
3"	6.0	2.1	2.9	100	211	318	267	150	231	318	318	150	249	318	330	150	269	330	343	150	290	343	356
4"	9.5	3.3	3.4	100	236	318	292	150	257	318	343	150	274	330	356	150	295	356	368	150	315	368	381
6"	14	5.0	6.7	100	290	356	343	150	310	368	406	150	330	394	419	150	351	406	419	150	368	432	432
8"	19	6.8	8.3	150	340	406	445	150	361	419	457	150	381	445	470	150	401	457	470	200	419	483	533
10"	23	7.9	11	150	394	457	495	150	414	470	508	150	434	495	521	150	455	521	533	200	475	533	584
12"	25	8.7	20	150	445	508	546	150	465	521	559	150	485	546	572	150	505	572	584	200	526	584	635
14"	28	9.9	21	150	478	533	584	150	498	559	597	150	516	572	597	150	536	597	610	200	556	622	673
16"	33	12	22	150	528	584	635	150	549	610	648	150	566	622	660	200	587	648	711	200	607	673	724
18"	36	13	24	150	579	648	686	150	599	673	699	150	617	686	711	200	638	711	762	200	658	737	775
20"	39	14	27	150	630	699	737	150	650	724	749	150	668	737	762	200	688	762	813	200	709	787	826
24"	41	14	57	150	732	800	838	150	752	826	851	150	770	838	864	200	790	864	927	200	810	889	927
30"	53	19	71	150	884	953	991	150	904	978	1003	200	922	991	1067	200	942	1016	1080	200	963	1041	1080
36"	77	27	84	150	1036	1105	1143	150	1057	1130	1156	200	1074	1143	1219	200	1095	1168	1232	200	1115	1194	1232
42"	117	41	97	150	1189	1270	1295	150	1209	1295	1308	200	1227	1308	1372	200	1247	1334	1384	200	1267	1346	1384
48"	131	46	101	150	1341	1422	1448	150	1361	1448	1461	200	1379	1461	1524	200	1400	1486	1537	200	1420	1499	1537
56"	153	53	113	150	1544	1626	1651	150	1565	1651	1664	200	1582	1664	1727	200	1603	1689	1740	200	1623	1702	1740
60"	164	57	116	150	1646	1727	1753	150	1666	1753	1765	200	1684	1765	1829	200	1704	1791	1842	200	1725	1803	1842
66"	180	63	118	150	1798	1880	1880	150	1819	1905	1892	200	1836	1918	1956	200	1857	1943	1969	200	1877	1956	1969
72"	197	69	119	150	1951	2032	2057	150	1971	2057	2070	200	1989	2070	2134	200	2009	2096	2146	200	2029	2108	2146

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
- Patented anchor system allows increased load carrying capability and decreased heat transfer
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

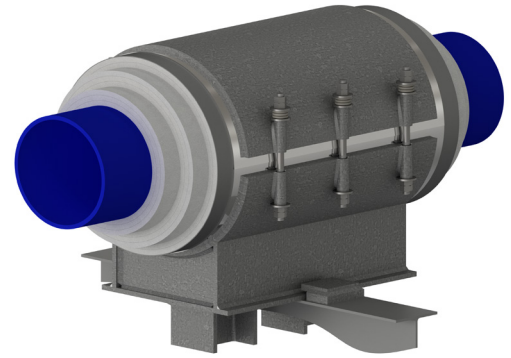
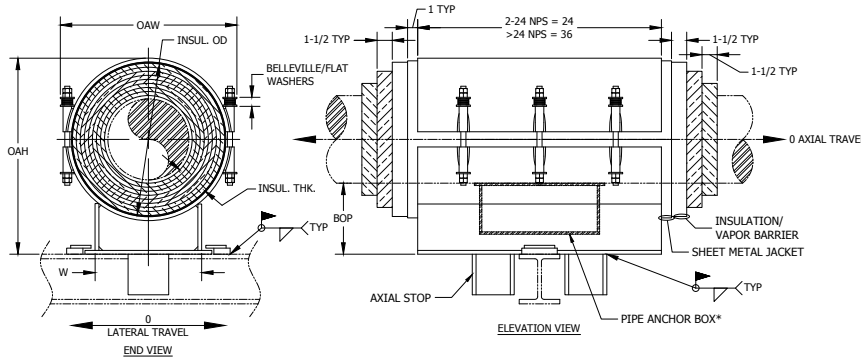
** Information presented on this page subject to change without notice.

CACW - 8 x 30 - 150 - 600 - 19 - 6.8 - 8.3

CryoWrap Anchored Support

DESIGNATION
EXAMPLE

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN) Axial Load (kN)



NOTES:

1) All dimensions in inches unless noted.

* - Pipe anchor box to be compatible with process pipe material.

NOM PIPE SIZE	VERT. LOAD (lbs)	LAT. LOAD (lbs)	AXI. LOAD (lbs)	INSULATION THICKNESS																			
				110mm				120mm				130mm				140mm				150mm			
				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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																							
1"	2.3	0.8	2.4	200	254	318	356	200	274	330	368	200	295	356	381	200	315	368	394	250	335	381	445
1-1/2"	3.3	1.2	2.4	200	269	330	368	200	290	343	381	200	310	368	394	200	330	381	406	250	351	394	470
2"	4.1	1.5	2.4	200	282	343	381	200	302	356	394	200	323	381	406	200	340	394	419	250	361	406	470
2-1/2"	5.0	1.8	3.4	200	295	356	394	200	315	368	406	200	335	381	419	200	353	406	432	250	373	419	483
3"	6.0	2.1	2.9	200	310	368	419	200	330	381	419	200	351	394	432	200	371	419	445	250	391	445	508
4"	9.5	3.3	3.4	200	335	381	445	200	356	406	445	200	376	419	457	200	396	445	470	250	417	470	533
6"	14	5.0	6.7	200	389	445	495	200	409	470	508	200	429	495	521	200	450	508	521	250	470	533	584
8"	19	6.8	8.3	200	439	495	546	200	460	521	559	200	480	546	572	250	500	559	622	250	521	584	635
10"	23	7.9	11	200	495	559	597	200	513	572	610	200	533	597	622	250	554	610	686	250	574	635	686
12"	25	8.7	20	200	546	610	648	200	564	622	660	200	584	648	673	250	605	660	737	250	625	686	737
14"	28	9.9	21	200	577	635	686	200	597	660	686	200	617	673	699	250	638	699	762	250	658	724	775
16"	33	12	22	200	627	686	737	200	648	711	749	250	668	724	813	250	688	749	813	250	709	775	826
18"	36	13	24	200	678	749	787	200	699	775	800	250	719	787	864	250	739	813	864	250	759	838	876
20"	39	14	27	200	729	800	838	200	749	826	851	250	770	838	914	250	790	864	914	250	810	889	927
24"	41	14	57	200	831	902	940	200	851	927	953	250	871	940	1,016	250	892	965	1,029	250	912	991	1,029
30"	53	19	71	200	983	1,054	1,092	250	1,003	1,080	1,156	250	1,024	1,092	1,168	250	1,044	1,118	1,181	250	1,064	1,143	1,181
36"	77	27	84	200	1,135	1,207	1,245	250	1,156	1,232	1,308	250	1,176	1,245	1,321	250	1,196	1,270	1,334	250	1,217	1,295	1,334
42"	117	41	97	200	1,288	1,372	1,397	250	1,308	1,384	1,461	250	1,328	1,410	1,473	250	1,349	1,435	1,486	250	1,369	1,448	1,486
48"	131	46	101	200	1,440	1,524	1,549	250	1,461	1,537	1,613	250	1,481	1,562	1,626	250	1,501	1,588	1,638	250	1,521	1,600	1,638
56"	153	53	113	200	1,643	1,727	1,753	250	1,664	1,740	1,816	250	1,684	1,765	1,829	250	1,704	1,791	1,842	250	1,725	1,803	1,842
60"	164	57	116	200	1,745	1,829	1,854	250	1,765	1,842	1,918	250	1,786	1,867	1,930	250	1,806	1,892	1,943	250	1,826	1,905	1,943
66"	180	63	118	200	1,897	1,981	1,981	250	1,918	1,994	2,045	250	1,938	2,019	2,057	250	1,958	2,045	2,070	250	1,979	2,057	2,070
72"	197	69	119	200	2,050	2,134	2,159	250	2,070	2,146	2,223	250	2,090	2,172	2,235	250	2,111	2,197	2,248	250	2,131	2,210	2,248

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range to -270 Deg C to 90 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 safety factor of 5
- A36 steel construction
- Patented anchor system allows increased load carrying capability and decreased heat transfer
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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

Ordering Instructions:

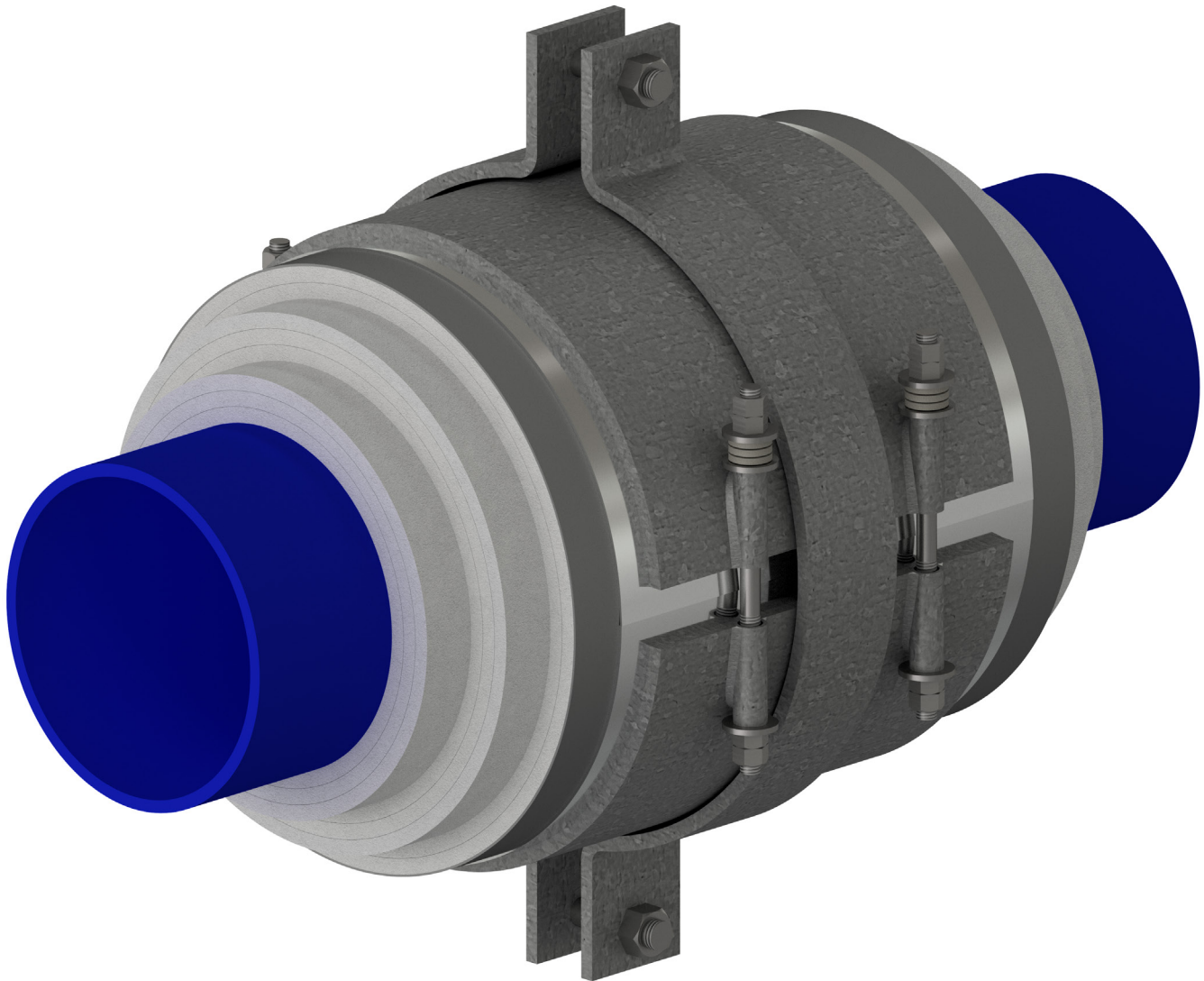
To Order, Please Specify:

- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

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

CryoWrap Hanging Supports

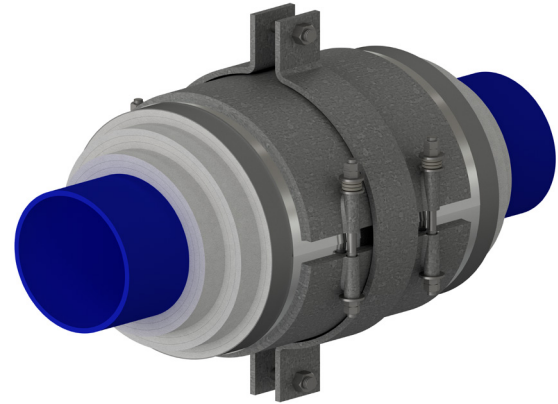
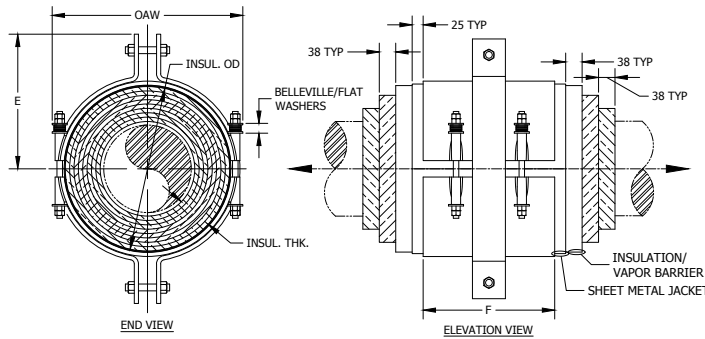


CHCW - 8 x 30 - 229 - 5.3

Model No. Nominal Pipe Size Insulation Thickness Support Length (F) Vertical Load (kN)

DESIGNATION
EXAMPLE

CryoWrap Hanging Support



NOTES:

1) All dimensions in millimeters unless noted.

NOM PIPE SIZE	VERT. LOAD (kN)	INSULATION THICKNESS																			
		10mm				20mm				30mm				40mm				50mm			
		INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																					
1"	0.3	56	229	102	61	74	229	191	69	94	229	216	79	114	229	241	89	135	229	267	99
1-1/2"	0.4	69	229	114	66	89	229	191	76	109	229	216	86	130	229	241	97	150	229	267	107
2"	0.6	81	229	127	74	102	229	191	84	122	229	216	94	142	229	241	104	163	229	267	114
2-1/2"	0.9	94	229	140	79	114	229	203	89	135	229	216	99	155	229	241	109	175	229	267	119
3"	1.0	109	229	191	86	130	229	216	97	150	229	229	107	170	229	241	117	191	229	267	127
4"	1.4	135	229	254	99	155	229	267	109	175	229	292	119	196	229	305	130	216	229	330	140
6"	3.0	191	229	305	127	208	229	318	137	229	229	343	147	249	229	356	157	269	229	381	168
8"	5.3	241	229	356	157	259	229	381	165	279	229	394	175	300	229	419	193	320	229	432	203
10"	6.9	295	229	406	191	315	229	432	201	335	229	445	211	353	229	470	218	373	229	483	229
12"	13	345	305	432	229	366	305	457	239	386	305	483	279	404	305	495	287	424	305	521	297
14"	15	376	305	483	246	396	305	508	287	417	305	533	297	437	305	546	307	457	305	572	318
16"	17	427	305	546	302	447	305	572	312	467	305	597	323	488	305	610	333	508	305	635	343
18"	19	478	305	597	330	498	305	622	340	518	305	648	351	538	305	660	361	559	305	686	371
20"	21	528	305	699	356	549	305	724	366	569	305	749	376	589	305	762	396	610	305	787	406
24"	39	630	381	851	427	650	381	876	460	671	381	902	470	691	381	914	480	711	381	940	490
30"	49	782	381	1003	531	803	381	1029	541	823	381	1054	551	843	381	1067	561	864	381	1092	572
36"	59	935	381	1168	615	955	381	1194	625	975	381	1207	635	996	381	1232	645	1016	381	1245	655
42"	69	1087	381	1321	714	1107	381	1346	724	1128	381	1359	734	1148	381	1384	744	1168	381	1397	754

Applications & Features:

- Temperature range to -270 Deg C to 90 Deg C
- Higher temperature applications available
- Design loads based on a safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- E
- Support Length (F)
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

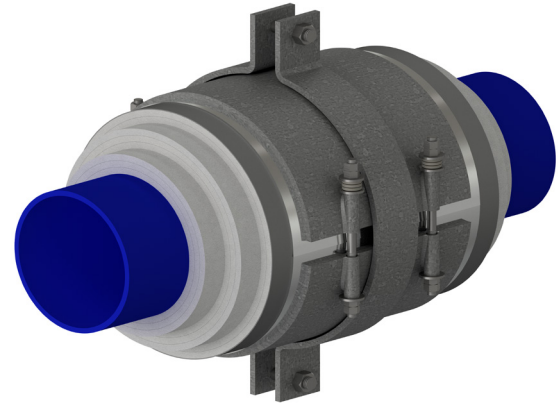
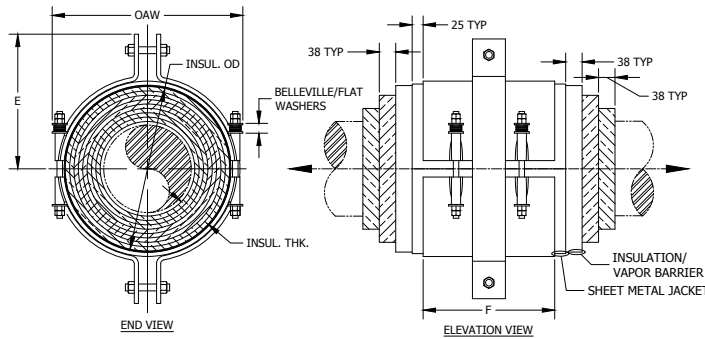
** Information presented on this page subject to change without notice.

CHCW - 8 x 30 - 229 - 5.3

Model No. Nominal Pipe Size Insulation Thickness Support Length (F) Vertical Load (kN)

DESIGNATION
EXAMPLE

CryoWrap Hanging Support



NOTES:

1) All dimensions in millimeters unless noted.

NOM PIPE SIZE	VERT. LOAD (kN)	INSULATION THICKNESS																			
		60mm				70mm				80mm				90mm				100mm			
		INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																					
1"	0.3	155	229	318	109	175	229	318	119	196	229	318	130	216	229	318	140	234	229	318	150
1-1/2"	0.4	170	229	318	117	191	229	318	127	208	229	318	137	229	229	318	147	249	229	318	157
2"	0.6	180	229	318	122	201	229	318	132	221	229	318	142	241	229	318	152	262	229	330	163
2-1/2"	0.9	193	229	318	130	213	229	318	140	234	229	318	150	254	229	318	160	274	229	343	170
3"	1.0	211	229	318	137	231	229	318	147	249	229	318	157	269	229	343	168	290	229	368	178
4"	1.4	236	229	356	150	257	229	368	160	274	229	394	170	295	229	406	180	315	229	432	191
6"	3.0	290	229	406	178	310	229	419	188	330	229	445	198	351	229	457	208	368	229	483	216
8"	5.3	340	229	457	213	361	229	470	224	381	229	495	234	401	229	521	244	419	229	533	251
10"	6.9	394	229	508	239	414	229	521	249	434	305	546	267	455	305	572	277	475	305	584	287
12"	13	445	305	533	307	465	305	559	318	485	305	572	328	505	305	597	338	526	305	622	348
14"	15	478	305	584	328	498	305	610	338	516	305	622	345	536	305	648	356	556	305	673	366
16"	17	528	305	648	353	549	305	673	363	566	305	686	371	587	305	711	381	607	305	737	391
18"	19	579	305	699	381	599	305	724	391	617	305	737	401	638	305	762	422	658	305	787	432
20"	21	630	305	800	417	650	305	826	427	668	305	838	437	688	305	864	447	709	305	889	457
24"	39	732	381	953	500	752	381	978	511	770	381	991	518	790	381	1016	528	810	381	1041	538
30"	49	884	381	1105	582	904	381	1130	592	922	381	1143	602	942	381	1168	612	963	381	1194	622
36"	59	1036	381	1270	665	1057	381	1295	676	1074	381	1308	683	1095	381	1334	716	1115	381	1346	726
42"	69	1189	381	1422	765	1209	381	1448	775	1227	381	1461	782	1247	381	1486	792	1267	381	1499	803

Applications & Features:

- Temperature range to -270 Deg C to 90 Deg C
- Higher temperature applications available
- Design loads based on a safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- E
- Support Length (F)
- Vertical Load
- Movements

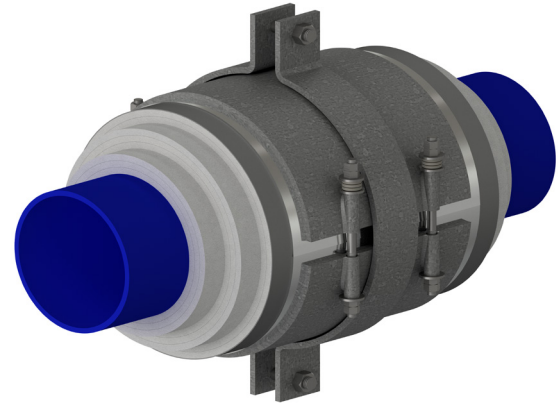
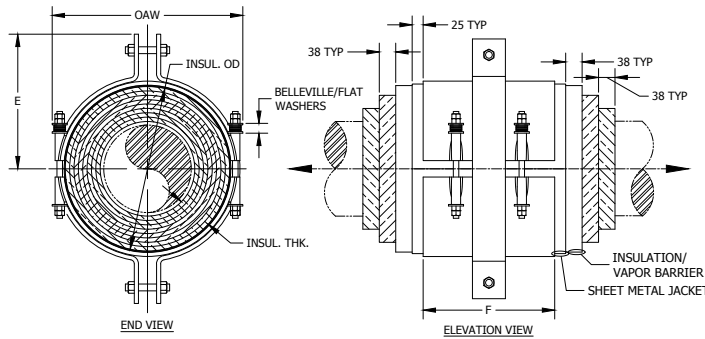
* See page 69 of this catalog for new designation model number construction.

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

CHCW - 8 x 30 - 229 - 5.3

Model No. Nominal Pipe Size Insulation Thickness Support Length (F) Vertical Load (kN)

DESIGNATION
EXAMPLE

CryoWrap Hanging Support

NOTES:

1) All dimensions in millimeters unless noted.

PIPE SIZE	VERT. LOAD (Lbs)	INSULATION THICKNESS																			
		110mm				120mm				130mm				140mm				150mm			
		INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																					
1"	0.3	254	229	318	160	274	229	343	170	295	229	356	180	315	229	381	191	335	229	394	201
1-1/2"	0.4	269	229	330	168	290	229	356	178	310	229	368	188	330	229	394	198	351	229	406	208
2"	0.6	282	229	343	173	302	229	368	183	323	229	381	193	340	229	406	203	361	229	419	213
2-1/2"	0.9	295	229	356	180	315	229	381	191	335	229	394	201	353	229	419	208	373	229	445	218
3"	1.0	310	229	381	188	330	229	406	198	351	229	419	208	371	229	445	218	391	229	470	229
4"	1.4	335	229	445	201	356	229	470	211	376	229	495	221	396	229	508	231	417	229	533	241
6"	3.0	389	229	495	226	409	229	521	236	429	229	546	246	450	229	559	264	470	229	584	274
8"	5.3	439	229	559	262	460	229	572	272	480	229	597	282	500	229	610	292	521	229	635	302
10"	6.9	495	305	610	297	513	305	622	305	533	305	648	315	554	305	660	325	574	305	686	335
12"	13	546	305	635	358	564	305	660	368	584	305	673	378	605	305	699	389	625	305	724	399
14"	15	577	305	686	376	597	305	711	386	617	305	724	396	638	305	749	406	658	305	775	417
16"	17	627	305	749	401	648	305	775	411	668	305	787	422	688	305	813	445	709	305	838	455
18"	19	678	305	800	442	699	305	826	452	719	305	838	462	739	305	864	472	759	305	889	483
20"	21	729	305	902	467	749	381	927	478	770	381	940	488	790	381	965	498	810	381	991	508
24"	39	831	381	1054	549	851	381	1080	559	871	381	1092	569	892	381	1118	579	912	381	1143	589
30"	49	983	381	1207	632	1003	381	1232	643	1024	381	1245	653	1044	381	1270	663	1064	381	1295	673
36"	59	1135	381	1372	737	1156	381	1384	747	1176	381	1410	757	1196	381	1435	767	1217	381	1448	777
42"	69	1288	381	1524	813	1308	381	1537	823	1328	381	1562	833	1349	381	1588	866	1369	381	1600	876

Applications & Features:

- Temperature range to -270 Deg C to 90 Deg C
- Higher temperature applications available
- Design loads based on a safety factor of 5
- A36 steel construction
- See technical specification RCS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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

Ordering Instructions:

To Order, Please Specify:

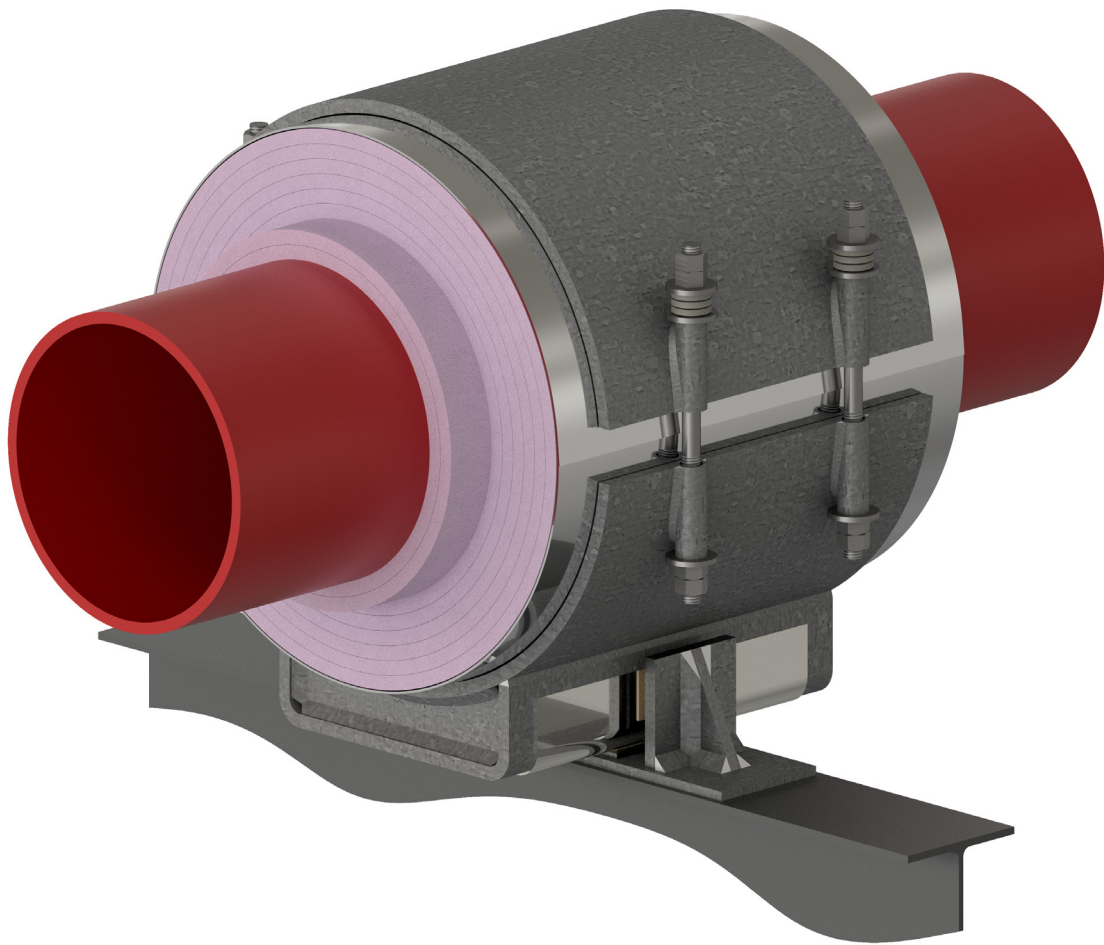
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- E
- Support Length (F)
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

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

NOTES

PyroWrap



RILCO PyroWrap™ for Hot Work and High Temperatures

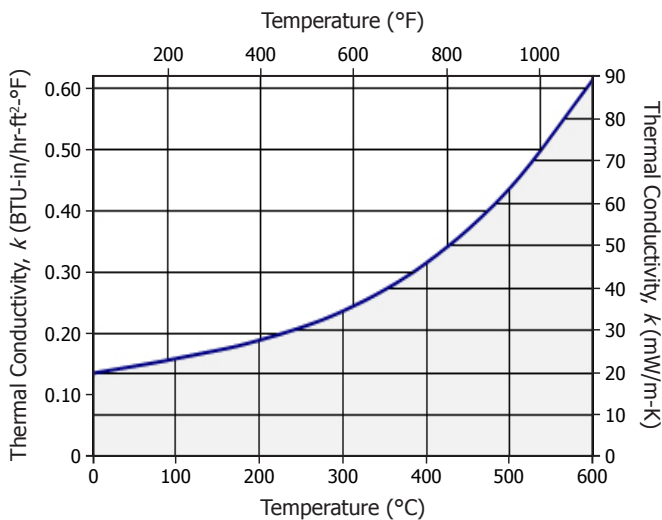
Service Temperature Ranges: -40°C (-40°F) to 650°C (1200°F)



PyroWrap™ pipe supports provide special properties making them the most effective protection for high-temperature applications available. They have the lowest thermal conductivity of any known solid and are hydrophobic, offering a level of protection against corrosion under the insulation as well as flexible, recovering thermal performance after compression as high as 690 kPa.

Thermal Conductivity[†]

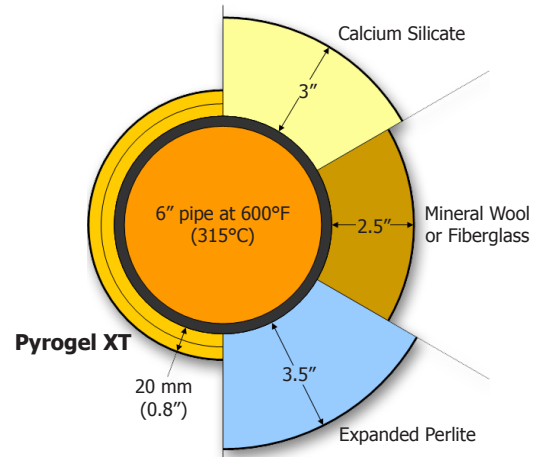
ASTM C 177 Results



Mean Temp. °C	0	100	200	300	400	500	600
°F	32	212	392	572	752	932	1112
k mW/m-K	20	23	28	35	46	64	89
BTU-in/hr-ft²-°F	0.14	0.16	0.19	0.24	0.32	0.44	0.62

[†]Thermal conductivity measurements taken at a compressive load of 14 kPa.

PyroWrap™ pipe supports utilize Aspen Aero-gel's PyroGel™ XT or PyroGel™ XTF (fire protection grade) comprised of a silica aerogel blanket reinforced with non-woven glass-fiber batting. They are specifically engineered with 50% to 80% less thickness, making them substantially lighter in weight, thereby easing the installation process and reducing its associated cost.



All four designs provide same level of thermal efficiency

Comparable Insulation Ratings



PyroWrap™

Cal-Sil

Physical Properties

Thicknesses*	5 mm (0.20 in)	0.40 in (10 mm)
Material Form*	1,500 mm (60 in) wide x 80 m (260 ft) long rolls	1,500 mm (60 in) wide x 47 m (155 ft) long rolls
Max. Use Temp.	650°C (1200°F)	
Color	Beige	
Density*	0.18 g/cc (11 lb/ft³)	
Hydrophobic	Yes	

RILCO PyroWrap™ - Properties

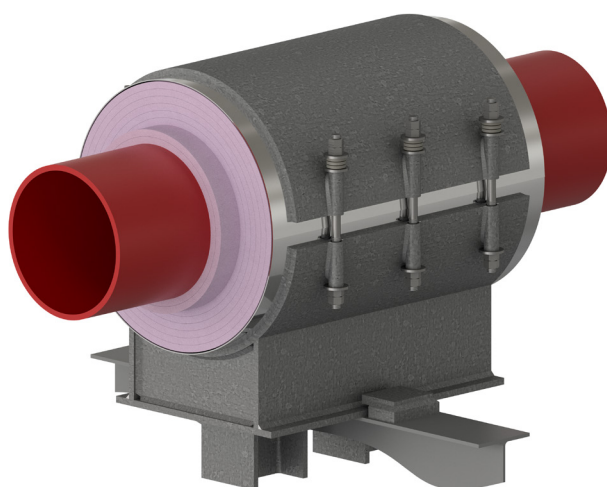
Service Temperature Ranges: -40°F (-40°C) to 650°C (1200°F)

Thermal Performance: PyroWrap™ pipe supports are the most efficient products available in the world for high temperature applications. They are 2-5 times thinner than other products with comparable thermal ratings.

Moisture Resistance: PyroWrap™ pipe supports are hydrophobic over the entire matrix of the insulation, not just the surface. The unique hydrophobic characteristic of Pyrogel™ insulation not only repels liquid water, but allows vapor to pass through the insulation and wick moisture away from the pipe, helping to prevent corrosion and deterioration of the substrate.

Structural Integrity: PyroWrap™ pipe supports provide superior structural integrity in comparison to other products commonly used in high temperature applications. PyroWrap™ systems design permits for the “modularization” of the pipe which then gives the option for the support systems and insulation to be pre-installed off-site, or on-site at a safe location.

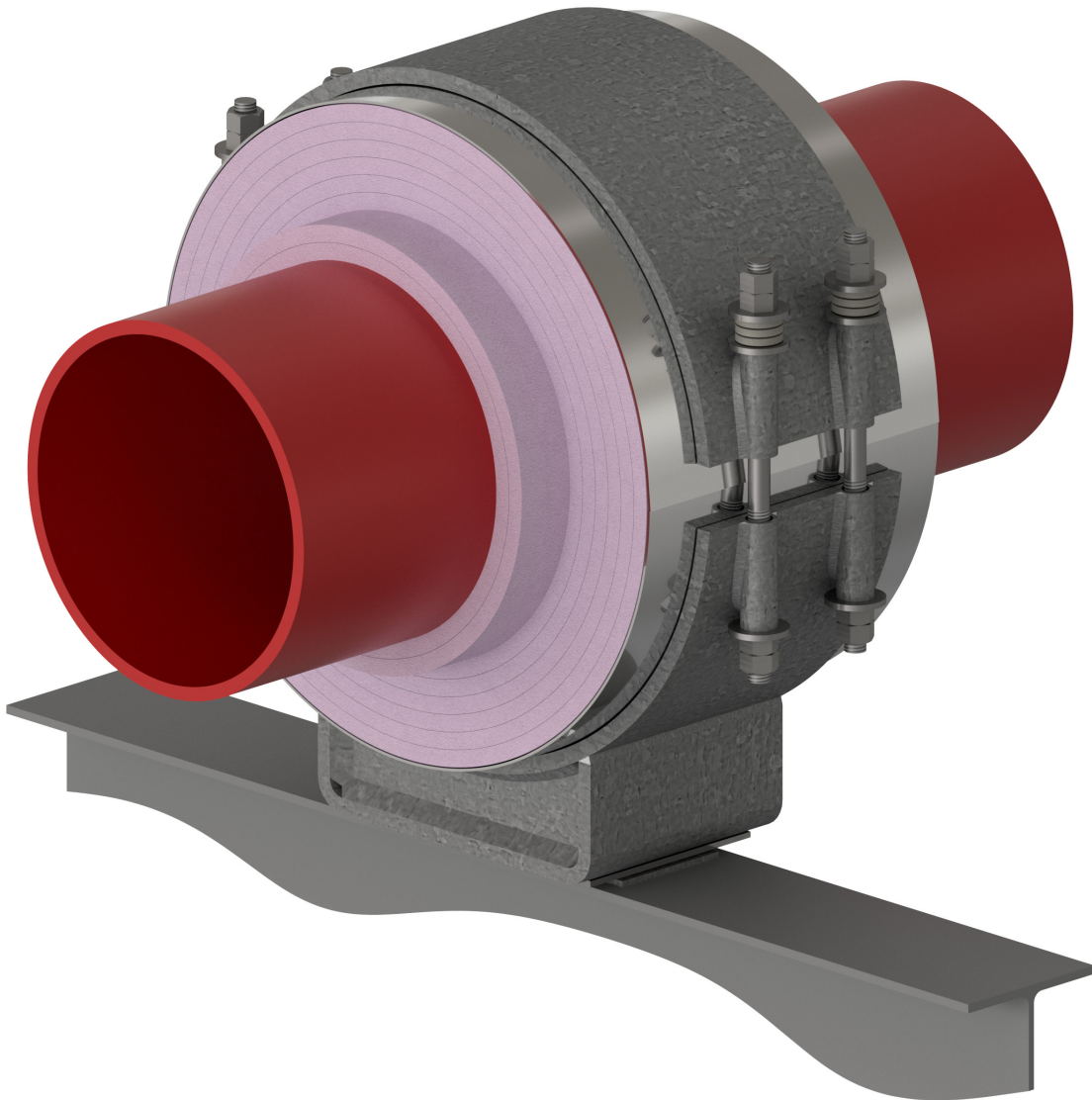
Dimensional Stability: PyroWrap™ pipe supports allow minimal movement of the insulated system, yet remain flexible and experience no thermal shock. This design allows the usual issues of degraded insulation caused by contraction, extreme stress, structural damage and crack propagation problems encountered with standard insulation mediums to no longer be a concern.



Specification Compliance and Performance

Test Procedure	Property	Results
ASTM C 165	Compressive Strength	Stress at 10% strain = 102 kPa (14.8 psi) Stress at 25% strain = 183 kPa (26.6 psi)
ASTM C 356	Linear Shrinkage Under Soaking Heat	< 1.3% @ 650°C (1200°F)
ASTM C 411	Hot Surface Performance	Passed
ASTM C 447	Estimation of Maximum Use Temperature	650°C (1200°F)
ASTM C 592-04 (Section 11.11, Modified)	Heat and Vibration Aging	-0.19% mass change after 6 hr vibration
ASTM C 795	Insulation for Use Over Austenitic Stainless Steel	Passed
ASTM C 1101	Classifying the Flexibility of Mineral Fiber Blankets	Class: Resilient Flexible
ASTM C 1104	Water Vapor Sorption	2.25% (by weight)
ASTM C 1338	Fungal Resistance of Insulation Materials	Passed
ASTM C 1511	Liquid Water Retention After Submersion	4% (by weight)
ASTM E 84	Surface Burning Characteristics	Flame Spread Index = 0 Smoke Developed Index = 0
ASTM E 1354	Cone Calorimetry	No ignition at 50 kW/m ²
BS EN 13501-1: 2007	Reaction to Fire Performance	Passed Euroclass A2
ISO 1182:1990	Non-Combustibility	Meets criteria outlined in ISO 1182:1990

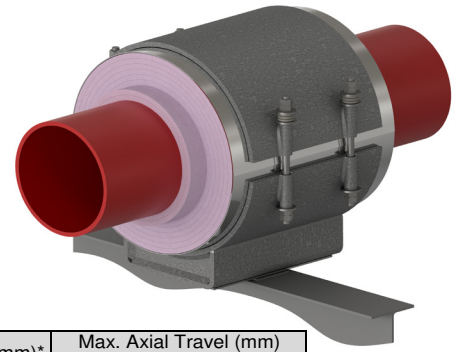
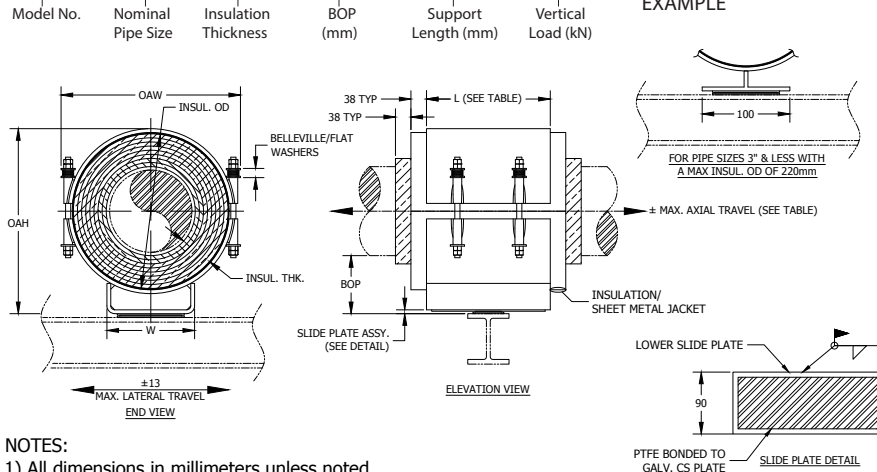
PyroWrap Resting Supports



HSCW - 8 x 30 - 100 - 300 - 7.6

DESIGNATION
EXAMPLE

PyroWrap Resting Support



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

* L + 150mm for pipe sizes > 42"

NOTES:

1) All dimensions in millimeters unless noted.

NOM PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			10mm				20mm				30mm				40mm				50mm			
			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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																						
1/2"	0.6	2.4	100	43	89	140	100	64	114	152	100	84	127	165	100	102	152	178	100	122	165	191
3/4"	0.8	3.1	100	48	102	152	100	69	114	165	100	89	140	165	100	107	152	178	100	127	178	191
1"	1.0	4.0	100	56	102	152	100	74	127	165	100	94	140	178	100	114	165	191	100	135	178	191
1-1/2"	1.4	5.8	100	69	114	165	100	89	140	178	100	109	152	191	100	130	178	203	100	150	203	216
2"	1.7	6.7	100	81	127	178	100	102	152	191	100	122	165	203	100	142	191	216	100	163	216	229
2-1/2"	2.0	8.0	100	94	140	191	100	114	165	203	100	135	178	216	100	155	203	229	100	175	229	241
3"	2.4	9.3	100	109	152	216	100	130	178	216	100	150	203	229	100	170	216	241	100	191	241	254
4"	3.7	15	100	135	178	241	100	155	203	241	100	175	229	254	100	196	241	267	100	216	267	279
6"	5.7	23	100	191	254	292	100	208	267	305	100	229	292	318	100	249	305	318	100	269	330	330
8"	7.6	30	100	241	305	343	100	259	318	356	100	279	343	368	100	300	356	368	100	320	381	381
10"	8.9	36	100	295	356	394	100	315	381	406	100	335	394	419	100	353	419	432	100	373	432	432
12"	9.8	39	100	345	406	445	100	366	432	457	100	386	445	470	100	404	470	483	100	424	483	483
14"	11	44	100	376	432	483	100	396	457	495	100	417	483	495	100	437	495	508	100	457	521	521
16"	13	52	100	427	483	533	100	447	508	546	100	467	533	559	100	488	546	559	100	508	572	622
18"	14	57	100	478	546	584	100	498	572	597	100	518	597	610	100	538	610	610	150	559	635	673
20"	15	60	100	528	597	635	100	549	622	648	100	569	648	660	100	589	660	660	150	610	686	724
24"	16	64	100	630	699	737	100	650	724	749	100	671	749	762	100	691	762	775	150	711	787	826
30"	21	84	100	782	851	889	100	803	876	902	100	823	902	914	150	843	914	978	150	864	940	978
36"	24	98	100	935	1003	1041	100	955	1029	1054	100	975	1054	1067	150	996	1067	1130	150	1016	1092	1130
42"	28	110	100	1087	1168	1194	100	1107	1194	1207	100	1128	1207	1219	150	1148	1232	1283	150	1168	1245	1283
48"	32	126	100	1240	1321	1346	100	1260	1346	1359	100	1280	1359	1372	150	1300	1384	1435	150	1321	1397	1435
56"	37	147	100	1443	1524	1549	100	1463	1549	1562	100	1483	1562	1575	150	1504	1588	1638	150	1524	1600	1638
60"	40	158	100	1544	1626	1651	100	1565	1651	1664	100	1585	1664	1676	150	1605	1689	1740	150	1626	1702	1740
66"	44	173	100	1697	1778	1778	100	1717	1803	1791	100	1737	1816	1803	150	1758	1842	1867	150	1778	1854	1867
72"	48	189	100	1849	1930	1956	100	1869	1956	1969	100	1890	1969	1981	150	1910	1994	2045	150	1930	2007	2045

*W - Dimension is calculated by multiplying (INSULATION OD*0.55), when base is not a WT member.

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

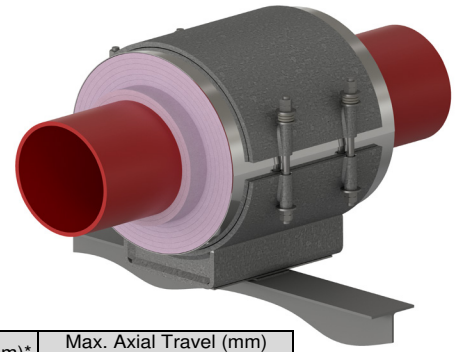
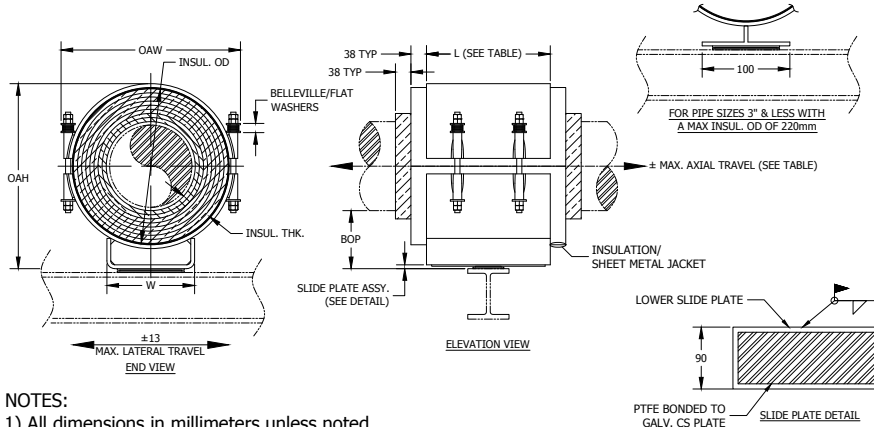
** Information presented on this page subject to change without notice.

HSCW - 8 x 30 - 100 - 300 - 7.6

DESIGNATION
EXAMPLE

PyroWrap Resting Support

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN)



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

* L + 150mm for pipe sizes > 42"

NOTES:

1) All dimensions in millimeters unless noted.

NOM PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																				
			60mm				70mm				80mm				90mm				100mm				
			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)	
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																							
1/2"	0.6	2.4	100	142	191	191	150	163	216	254	150	183	229	267	150	203	254	279	150	224	267	292	
3/4"	0.8	3.1	100	147	191	203	150	168	216	267	150	188	241	267	150	208	254	279	150	229	279	292	
1"	1.0	4.0	100	155	203	203	150	175	229	267	150	196	241	279	150	216	267	292	150	234	279	292	
1-1/2"	1.4	5.8	100	170	216	216	150	191	241	279	150	208	254	292	150	229	279	305	150	249	292	318	
2"	1.7	6.7	100	180	229	229	150	201	254	292	150	221	267	305	150	241	292	318	150	262	305	330	
2-1/2"	2.0	8.0	100	193	241	241	150	213	267	305	150	234	279	318	150	254	305	330	150	274	318	343	
3"	2.4	9.3	100	211	254	267	150	231	279	318	150	249	292	330	150	269	318	343	150	290	343	356	
4"	3.7	15	100	236	279	292	150	257	305	343	150	274	318	356	150	295	343	368	150	315	368	381	
6"	5.7	23	100	290	356	343	150	310	368	406	150	330	394	419	150	351	406	419	150	368	432	432	
8"	7.6	30	150	340	406	445	150	361	419	457	150	381	445	470	150	401	457	470	200	419	483	533	
10"	8.9	36	150	394	457	495	150	414	470	508	150	434	495	521	150	455	521	533	200	475	533	584	
12"	9.8	39	150	445	508	546	150	465	521	559	150	485	546	572	150	505	572	584	200	526	584	635	
14"	11	44	150	478	533	584	150	498	559	597	150	516	572	597	150	536	597	610	200	556	622	673	
16"	13	52	150	528	584	635	150	549	610	648	150	566	622	660	200	587	648	711	200	607	673	724	
18"	14	57	150	579	648	686	150	599	673	699	150	617	686	711	200	638	711	762	200	658	737	775	
20"	15	60	150	630	699	737	150	650	724	749	150	668	737	762	200	688	762	813	200	709	787	826	
24"	16	64	150	732	800	838	150	752	826	851	150	770	838	864	200	790	864	927	200	810	889	927	
30"	21	84	150	884	953	991	150	904	978	1003	200	922	991	1067	200	942	1016	1080	200	963	1041	1080	
36"	24	98	150	1036	1105	1143	150	1057	1130	1156	200	1074	1143	1219	200	1095	1168	1232	200	1115	1194	1232	
42"	28	110	150	1189	1270	1295	150	1209	1295	1308	200	1227	1308	1372	200	1247	1334	1384	200	1267	1346	1384	
48"	32	126	150	1341	1422	1448	150	1361	1448	1461	200	1379	1461	1524	200	1400	1486	1537	200	1420	1499	1537	
56"	37	147	150	1544	1626	1651	150	1565	1651	1664	200	1582	1664	1727	200	1603	1689	1740	200	1623	1702	1740	
60"	40	158	150	1646	1727	1753	150	1666	1753	1765	200	1684	1765	1829	200	1704	1791	1842	200	1725	1803	1842	
66"	44	173	150	1798	1880	1880	150	1819	1905	1892	200	1836	1918	1956	200	1857	1943	1969	200	1877	1956	1969	
72"	48	189	150	1951	2032	2057	150	1971	2057	2070	200	1989	2070	2134	200	2009	2096	2146	200	2029	2108	2146	

*W - Dimension is calculated by multiplying (INSULATION OD*0.55), when base is not a WT member.

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

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

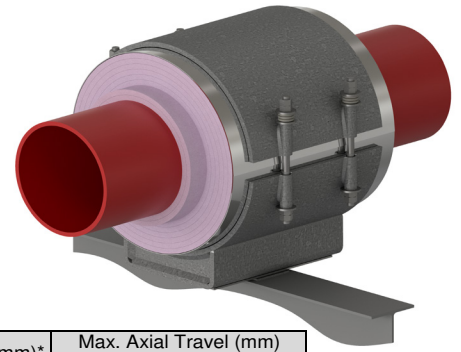
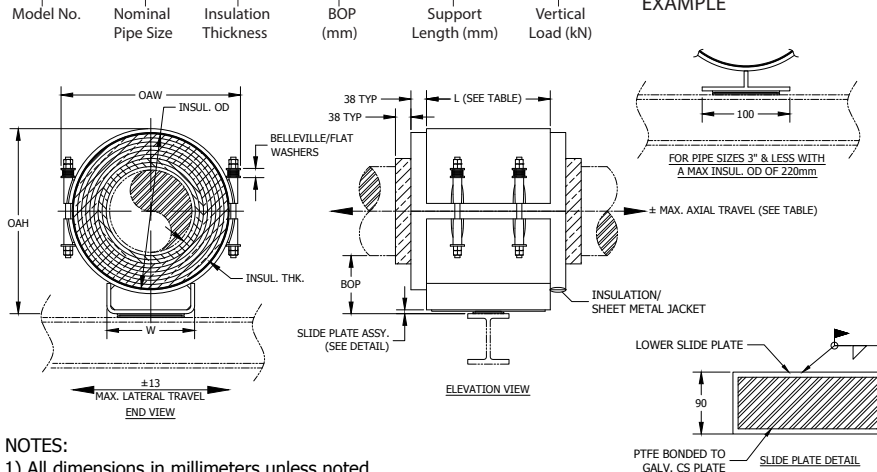


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HSCW - 8 x 30 - 100 - 300 - 7.6

DESIGNATION
EXAMPLE

PyroWrap Resting Support



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

* L + 150mm for pipe sizes > 42"

NOTES:

1) All dimensions in millimeters unless noted.

NOM PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			110mm				120mm				130mm				140mm				150mm			
			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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																						
1/2"	0.6	2.4	200	244	292	343	200	262	305	356	200	282	330	368	200	302	356	381	250	323	368	432
3/4"	0.8	3.1	200	249	292	356	200	267	318	356	200	287	330	368	200	307	356	381	250	328	381	445
1"	1.0	4.0	200	254	305	356	200	274	318	368	200	295	343	381	200	315	368	394	250	335	381	445
1-1/2"	1.4	5.8	200	269	318	368	200	290	343	381	200	310	356	394	200	330	381	406	250	351	394	470
2"	1.7	6.7	200	282	330	381	200	302	356	394	200	323	368	406	200	340	394	419	250	361	406	470
2-1/2"	2.0	8.0	200	295	343	394	200	315	368	406	200	335	381	419	200	353	406	432	250	373	419	483
3"	2.4	9.3	200	310	356	419	200	330	381	419	200	351	394	432	200	371	419	445	250	391	445	508
4"	3.7	15	200	335	381	445	200	356	406	445	200	376	419	457	200	396	445	470	250	417	470	533
6"	5.7	23	200	389	445	495	200	409	470	508	200	429	495	521	200	450	508	521	250	470	533	584
8"	7.6	30	200	439	495	546	200	460	521	559	200	480	546	572	250	500	559	622	250	521	584	635
10"	8.9	36	200	495	559	597	200	513	572	610	200	533	597	622	250	554	610	686	250	574	635	686
12"	9.8	39	200	546	610	648	200	564	622	660	200	584	648	673	250	605	660	737	250	625	686	737
14"	11	44	200	577	635	686	200	597	660	686	200	617	673	699	250	638	699	762	250	658	724	775
16"	13	52	200	627	686	737	200	648	711	749	250	668	724	813	250	688	749	813	250	709	775	826
18"	14	57	200	678	749	787	200	699	775	800	250	719	787	864	250	739	813	864	250	759	838	876
20"	15	60	200	729	800	838	200	749	826	851	250	770	838	914	250	790	864	914	250	810	889	927
24"	16	64	200	831	902	940	200	851	927	953	250	871	940	1016	250	892	965	1029	250	912	991	1029
30"	21	84	200	983	1054	1092	250	1003	1080	1156	250	1024	1092	1168	250	1044	1118	1181	250	1064	1143	1181
36"	24	98	200	1135	1207	1245	250	1156	1232	1308	250	1176	1245	1321	250	1196	1270	1334	250	1217	1295	1334
42"	28	110	200	1288	1372	1397	250	1308	1384	1461	250	1328	1410	1473	250	1349	1435	1486	250	1369	1448	1486
48"	32	126	200	1440	1524	1549	250	1461	1537	1613	250	1481	1562	1626	250	1501	1588	1638	250	1521	1600	1638
56"	37	147	200	1643	1727	1753	250	1664	1740	1816	250	1684	1765	1829	250	1704	1791	1842	250	1725	1803	1842
60"	40	158	200	1745	1829	1854	250	1765	1842	1918	250	1786	1867	1930	250	1806	1892	1943	250	1826	1905	1943
66"	44	173	200	1897	1981	1981	250	1918	1994	2045	250	1938	2019	2057	250	1958	2045	2070	250	1979	2057	2070
72"	48	189	200	2050	2134	2159	250	2070	2146	2223	250	2090	2172	2235	250	2111	2197	2248	250	2131	2210	2248

*W - Dimension is calculated by multiplying (INSULATION OD*0.55), when base is not a WT member.

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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

Ordering Instructions:

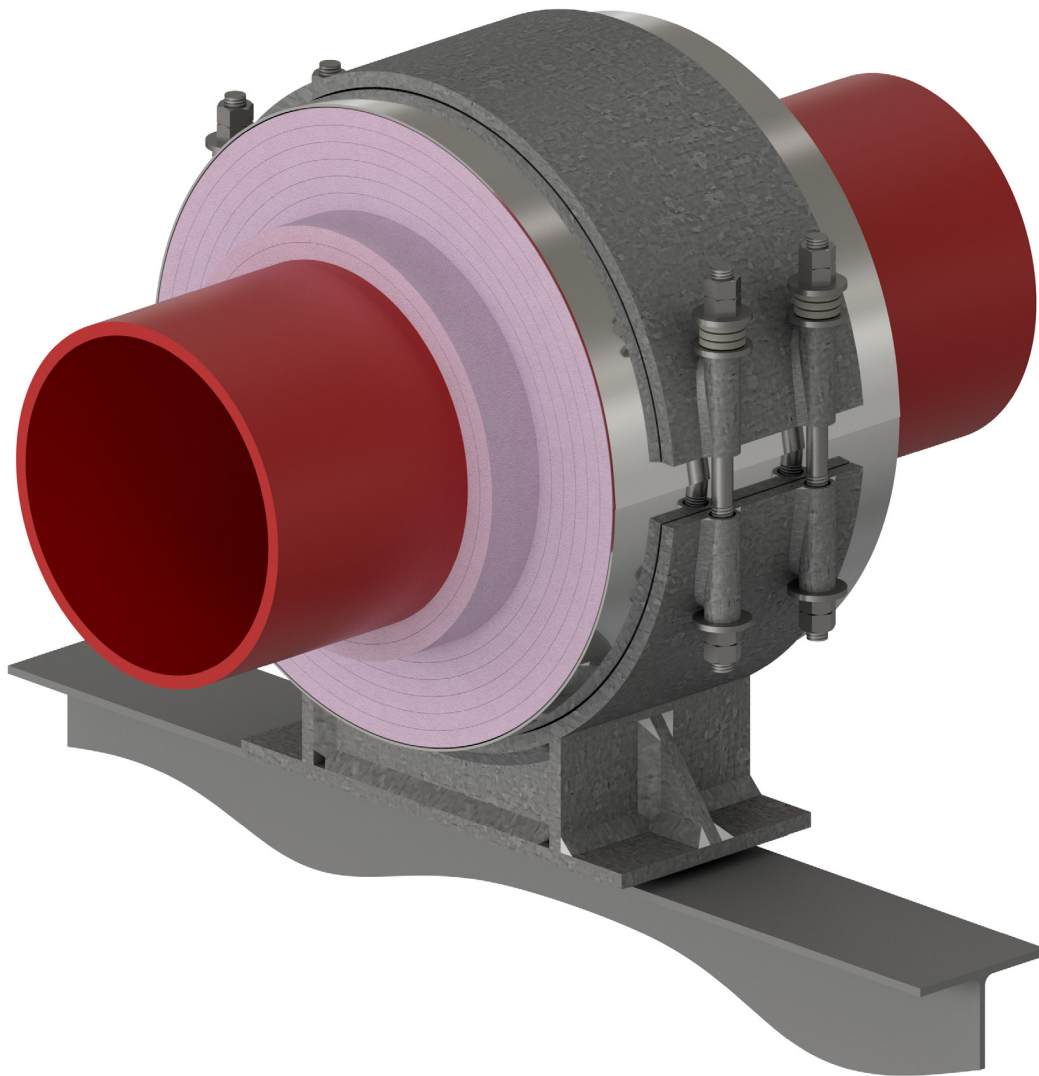
To Order, Please Specify:

- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

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

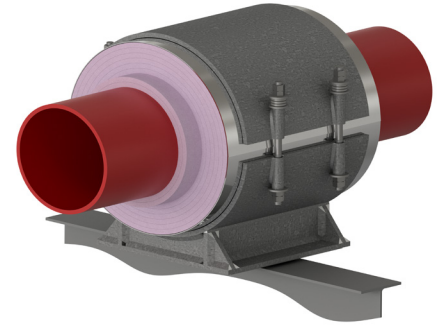
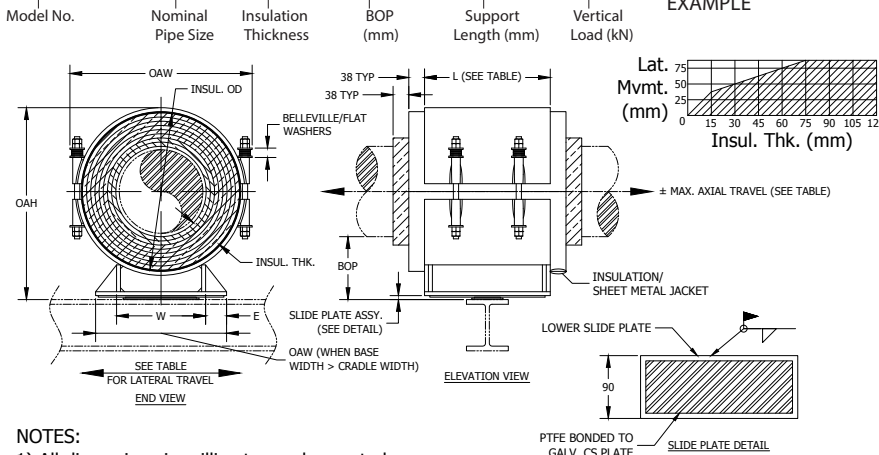
PyroWrap High Lateral Travel Supports



HS(H)CW - 8 x 30 - 100 - 300 - 7.6

DESIGNATION
EXAMPLE

PyroWrap Resting Support



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

* L + 150mm for pipe sizes > 42"

NOM PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			10mm				20mm				30mm				40mm				50mm			
			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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																						
1/2"	0.6	2.4	100	43	89	140	100	64	114	152	100	84	127	165	100	102	152	178	100	122	165	191
3/4"	0.8	3.1	100	48	102	152	100	69	114	165	100	89	140	165	100	107	152	178	100	127	178	191
1"	1.0	4.0	100	56	102	152	100	74	127	165	100	94	140	178	100	114	165	191	100	135	178	191
1-1/2"	1.4	5.8	100	69	114	0	100	89	140	0	100	109	152	191	100	130	178	203	100	150	203	216
2"	1.7	6.7	100	81	127	0	100	102	152	191	100	122	165	203	100	142	191	216	100	163	216	229
2-1/2"	2.0	8.0	100	94	140	0	100	114	165	203	100	135	178	216	100	155	203	229	100	175	229	241
3"	2.4	9.3	100	109	152	216	100	130	178	216	100	150	203	229	100	170	216	241	100	191	241	254
4"	3.7	15	100	135	178	241	100	155	203	241	100	175	229	254	100	196	241	267	100	216	267	279
6"	5.7	23	100	191	254	292	100	208	267	305	100	229	292	318	100	249	305	318	100	269	330	330
8"	7.6	30	100	241	305	343	100	259	318	356	100	279	343	368	100	300	356	368	100	320	381	381
10"	8.9	36	100	295	356	394	100	315	381	406	100	335	394	419	100	353	419	432	100	373	432	432
12"	9.8	39	100	345	406	445	100	366	432	457	100	386	445	470	100	404	470	483	100	424	483	483
14"	11	44	100	376	432	483	100	396	457	495	100	417	483	495	100	437	495	508	100	457	521	521
16"	13	52	100	427	483	533	100	447	508	546	100	467	533	559	100	488	546	559	150	508	572	622
18"	14	57	100	478	546	584	100	498	572	597	100	518	597	610	100	538	610	610	150	559	635	673
20"	15	60	100	528	597	635	100	549	622	648	100	569	648	660	100	589	660	660	150	610	686	724
24"	16	64	100	630	699	737	100	650	724	749	100	671	749	762	100	691	762	775	150	711	787	826
30"	21	84	100	782	851	889	100	803	876	902	100	823	902	914	150	843	914	978	150	864	940	978
36"	24	98	100	935	1003	1041	100	955	1029	1054	100	975	1054	1067	150	996	1067	1130	150	1016	1092	1130
42"	28	110	100	1087	1168	1194	100	1107	1194	1207	100	1128	1207	1219	150	1148	1232	1283	150	1168	1245	1283
48"	32	126	100	1240	1321	1346	100	1260	1346	1359	100	1280	1359	1372	150	1300	1384	1435	150	1321	1397	1435
56"	37	147	100	1443	1524	1549	100	1463	1549	1562	100	1483	1562	1575	150	1504	1588	1638	150	1524	1600	1638
60"	40	158	100	1544	1626	1651	100	1565	1651	1664	100	1585	1664	1676	150	1605	1689	1740	150	1626	1702	1740
66"	44	173	100	1697	1778	1778	100	1717	1803	1791	100	1737	1816	1803	150	1758	1842	1867	150	1778	1854	1867
72"	48	189	100	1849	1930	1956	100	1869	1956	1969	100	1890	1969	1981	150	1910	1994	2045	150	1930	2007	2045

*W - Dimension is calculated by multiplying (INSULATION OD*0.55), when base is not a WT member.

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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

Ordering Instructions:

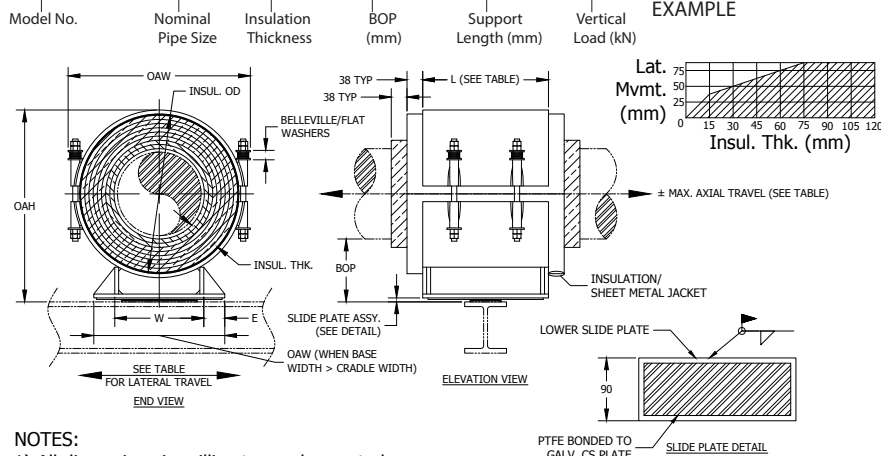
To Order, Please Specify:

- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Movements

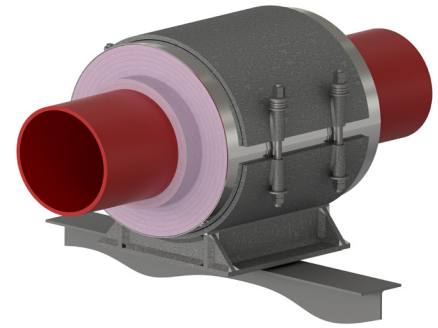
* See page 69 of this catalog for new designation model number construction.

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

HS(H)CW - 8 x 30 - 100 - 300 - 23

DESIGNATION
EXAMPLE

PyroWrap Resting Support



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

* L + 150mm for pipe sizes > 42"

NOTES:

1) All dimensions in millimeters unless noted.

NOM PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			60mm				70mm				80mm				90mm				100mm			
			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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																						
1/2"	0.6	2.4	100	142	191	191	150	163	216	254	150	183	229	267	150	203	254	279	150	224	267	292
3/4"	0.8	3.1	100	147	191	203	150	168	216	267	150	188	241	267	150	208	254	279	150	229	279	292
1"	1.0	4.0	100	155	203	203	150	175	229	267	150	196	241	279	150	216	267	292	150	234	279	292
1-1/2"	1.4	5.8	100	170	216	216	150	191	241	279	150	208	254	292	150	229	279	305	150	249	292	318
2"	1.7	6.7	100	180	229	229	150	201	254	292	150	221	267	305	150	241	292	318	150	262	305	330
2-1/2"	2.0	8.0	100	193	241	241	150	213	267	305	150	234	279	318	150	254	305	330	150	274	318	343
3"	2.4	9.3	100	211	254	267	150	231	279	318	150	249	292	330	150	269	318	343	150	290	343	356
4"	3.7	15	100	236	279	292	150	257	305	343	150	274	318	356	150	295	343	368	150	315	368	381
6"	5.7	23	100	290	356	343	150	310	368	406	150	330	394	419	150	351	406	419	150	368	432	432
8"	7.6	30	150	340	406	445	150	361	419	457	150	381	445	470	150	401	457	470	200	419	483	533
10"	8.9	36	150	394	457	495	150	414	470	508	150	434	495	521	150	455	521	533	200	475	533	584
12"	9.8	39	150	445	508	546	150	465	521	559	150	485	546	572	150	505	572	584	200	526	584	635
14"	11	44	150	478	533	584	150	498	559	597	150	516	572	597	150	536	597	610	200	556	622	673
16"	13	52	150	528	584	635	150	549	610	648	150	566	622	660	200	587	648	711	200	607	673	724
18"	14	57	150	579	648	686	150	599	673	699	150	617	686	711	200	638	711	762	200	658	737	775
20"	15	60	150	630	699	737	150	650	724	749	150	668	737	762	200	688	762	813	200	709	787	826
24"	16	64	150	732	800	838	150	752	826	851	150	770	838	864	200	790	864	927	200	810	889	927
30"	21	84	150	884	953	991	150	904	978	1003	200	922	991	1067	200	942	1016	1080	200	963	1041	1080
36"	24	98	150	1036	1105	1143	150	1057	1130	1156	200	1074	1143	1219	200	1095	1168	1232	200	1115	1194	1232
42"	28	110	150	1189	1270	1295	150	1209	1295	1308	200	1227	1308	1372	200	1247	1334	1384	200	1267	1346	1384
48"	32	126	150	1341	1422	1448	150	1361	1448	1461	200	1379	1461	1524	200	1400	1486	1537	200	1420	1499	1537
56"	37	147	150	1544	1626	1651	150	1565	1651	1664	200	1582	1664	1727	200	1603	1689	1740	200	1623	1702	1740
60"	40	158	150	1646	1727	1753	150	1666	1753	1765	200	1684	1765	1829	200	1704	1791	1842	200	1725	1803	1842
66"	44	173	150	1798	1880	1880	150	1819	1905	1892	200	1836	1918	1956	200	1857	1943	1969	200	1877	1956	1969
72"	48	189	150	1951	2032	2057	150	1971	2057	2070	200	1989	2070	2134	200	2009	2096	2146	200	2029	2108	2146

*W - Dimension is calculated by multiplying (INSULATION OD*0.55), when base is not a WT member.

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

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

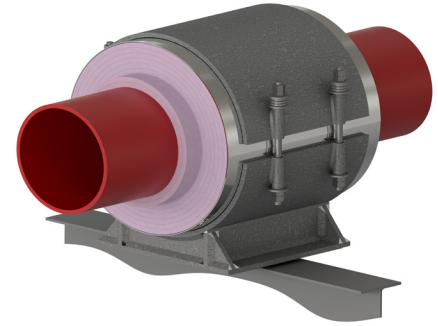
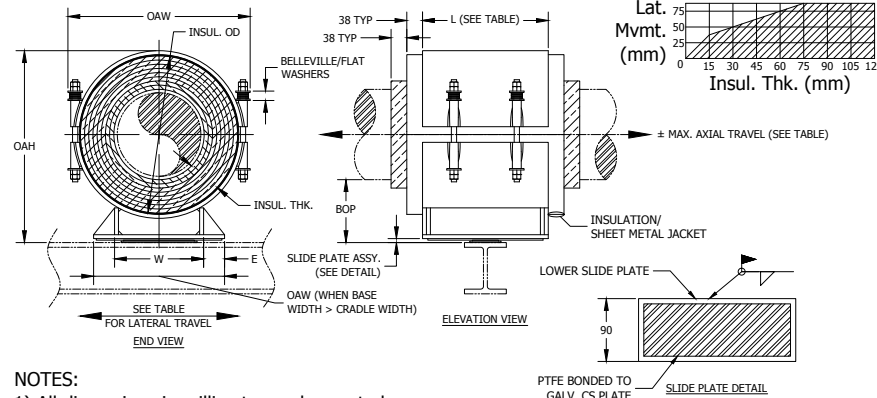


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HS(H)CW - 8 x 30 - 100 - 300 - 7.6

DESIGNATION
EXAMPLE

PyroWrap Resting Support



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

* L + 150mm for pipe sizes > 42"

NOTES:

1) All dimensions in millimeters unless noted.

NOM PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			110mm				120mm				130mm				140mm				150mm			
			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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																						
1/2"	0.6	2.4	200	244	292	343	200	262	305	356	200	282	330	368	200	302	356	381	250	323	368	508
3/4"	0.8	3.1	200	249	292	356	200	267	318	356	200	287	330	368	200	307	356	381	250	328	381	508
1"	1.0	4.0	200	254	305	356	200	274	318	368	200	295	343	381	200	315	368	394	250	335	381	508
1-1/2"	1.4	5.8	200	269	318	368	200	290	343	381	200	310	356	394	200	330	381	406	250	351	394	533
2"	1.7	6.7	200	282	330	381	200	302	356	394	200	323	368	406	200	340	394	419	250	361	406	533
2-1/2"	2.0	8.0	200	295	343	394	200	315	368	406	200	335	381	419	200	353	406	432	250	373	419	559
3"	2.4	9.3	200	310	356	419	200	330	381	419	200	351	394	432	200	371	419	445	250	391	445	572
4"	3.7	15	200	335	381	445	200	356	406	445	200	376	419	457	200	396	445	470	250	417	470	597
6"	5.7	23	200	389	445	495	200	409	470	508	200	429	495	521	200	450	508	521	250	470	533	648
8"	7.6	30	200	439	495	546	200	460	521	559	200	480	546	572	250	500	559	622	250	521	584	699
10"	8.9	36	200	495	559	597	200	513	572	610	200	533	597	622	250	554	610	686	250	574	635	749
12"	9.8	39	200	546	610	648	200	564	622	660	200	584	648	673	250	605	660	737	250	625	686	800
14"	11	44	200	577	635	686	200	597	660	686	200	617	673	699	250	638	699	762	250	658	724	826
16"	13	52	200	627	686	737	200	648	711	749	250	668	724	813	250	688	749	813	250	709	775	927
18"	14	57	200	678	749	787	200	699	775	800	250	719	787	864	250	739	813	864	250	759	838	978
20"	15	60	200	729	800	838	200	749	826	851	250	770	838	914	250	790	864	914	250	810	889	1029
24"	16	64	200	831	902	940	200	851	927	953	250	871	940	1016	250	892	965	1029	250	912	991	1143
30"	21	84	200	983	1054	1092	250	1003	1080	1156	250	1024	1092	1168	250	1044	1118	1181	250	1064	1143	1295
36"	24	98	200	1135	1207	1245	250	1156	1232	1308	250	1176	1245	1321	250	1196	1270	1334	250	1217	1295	1448
42"	28	110	200	1288	1372	1397	250	1308	1384	1461	250	1328	1410	1473	250	1349	1435	1486	250	1369	1448	1600
48"	32	126	200	1440	1524	1549	250	1461	1537	1613	250	1481	1562	1626	250	1501	1588	1638	250	1521	1600	1753
56"	37	147	200	1643	1727	1753	250	1664	1740	1816	250	1684	1765	1829	250	1704	1791	1842	250	1725	1803	1956
60"	40	158	200	1745	1829	1854	250	1765	1842	1918	250	1786	1867	1930	250	1806	1892	1943	250	1826	1905	2057
66"	44	173	200	1897	1981	1981	250	1918	1994	2045	250	1938	2019	2057	250	1958	2045	2070	250	1979	2057	2184
72"	48	189	200	2050	2134	2159	250	2070	2146	2223	250	2090	2172	2235	250	2111	2197	2248	250	2131	2210	2362

*W - Dimension is calculated by multiplying (INSULATION OD*0.55), when base is not a WT member.

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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

Ordering Instructions:

To Order, Please Specify:

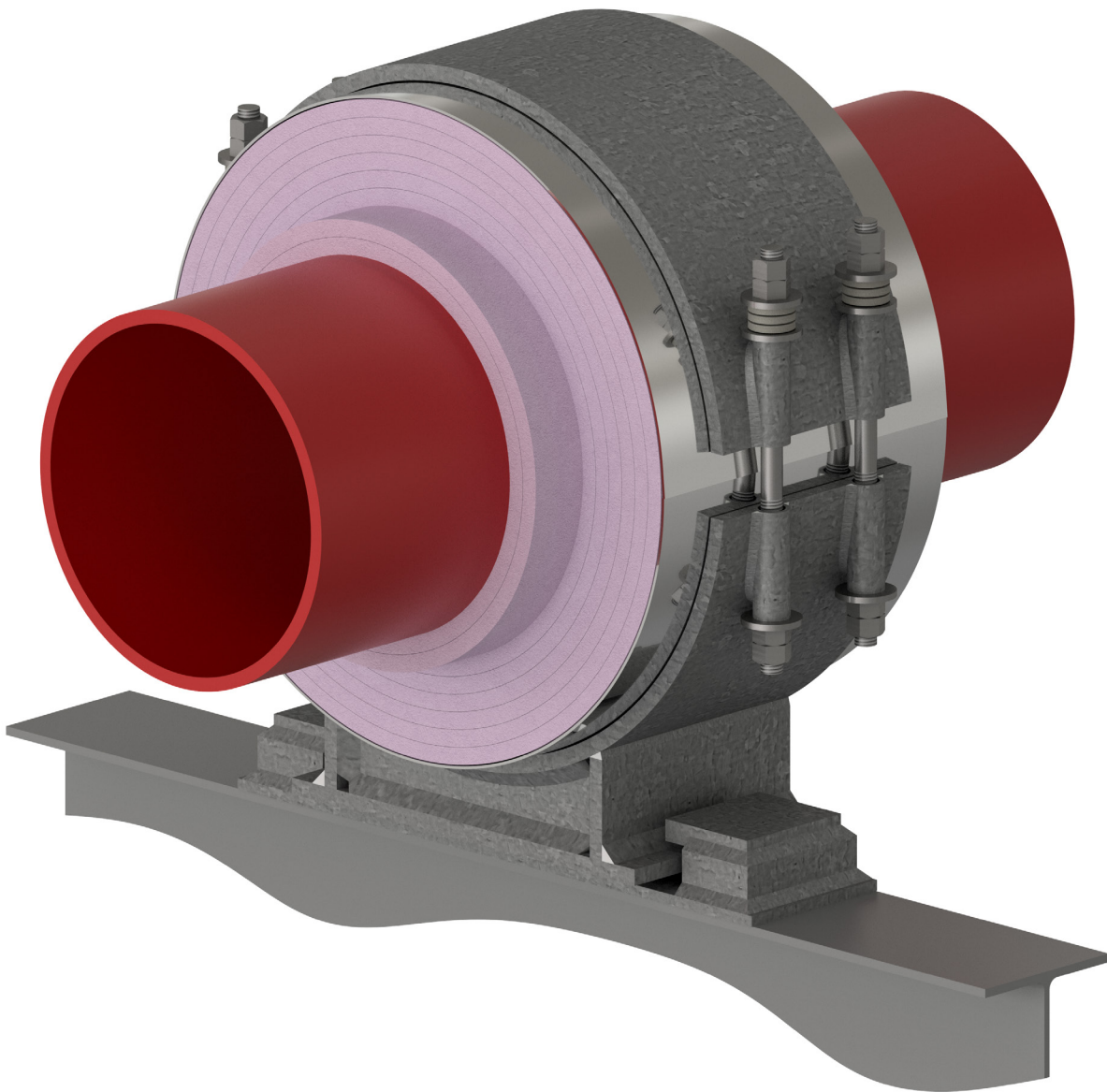
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

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

PyroWrap

Vertically Restrained Guided Supports

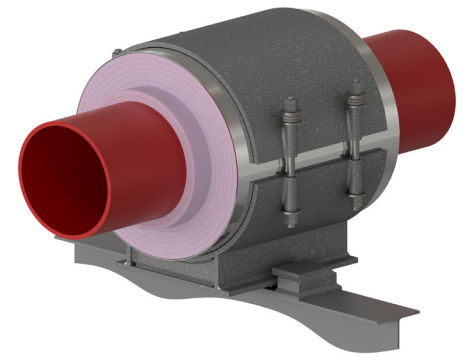
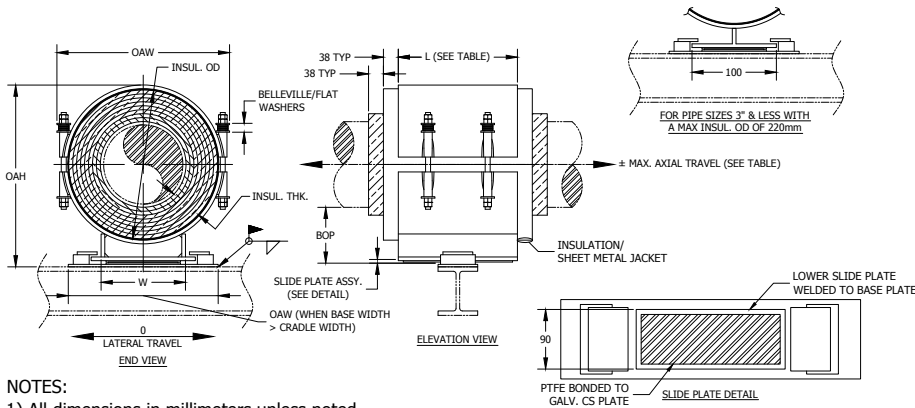


CGCW - 8 x 30 - 100 - 300 - 19 - 6.8

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN)

DESIGNATION EXAMPLE

PyroWrap Guided Support



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

* L + 150mm for pipe sizes > 42"

NOTES:

1) All dimensions in millimeters unless noted.

NOM PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	10mm				20mm				30mm				40mm				50mm			
					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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																								
1/2"	0.6	0.2	2.4	1.2	100	43	152	140	100	64	152	152	100	84	152	165	100	102	152	178	100	122	165	191
3/4"	0.8	0.3	3.1	1.6	100	48	152	152	100	69	152	165	100	89	152	165	100	107	152	178	100	127	178	191
1"	1.0	0.4	4.0	2.0	100	56	152	152	100	74	152	165	100	94	152	178	100	114	165	191	100	135	178	191
1-1/2"	1.4	0.5	5.8	2.9	100	69	152	165	100	89	152	178	100	109	152	191	100	130	178	203	100	150	203	216
2"	1.7	0.6	6.7	3.3	100	81	152	178	100	102	152	191	100	122	165	203	100	142	191	216	100	163	216	229
2-1/2"	2.0	0.7	8.0	4.0	100	94	152	191	100	114	165	203	100	135	178	216	100	155	203	229	100	175	229	241
3"	2.4	0.8	9.3	4.7	100	109	152	216	100	130	178	216	100	150	203	229	100	170	216	241	100	191	241	254
4"	3.7	1.3	15	7.5	100	135	191	241	100	155	203	241	100	175	229	254	100	196	241	267	100	216	267	279
6"	5.7	2.0	23	11	100	191	254	292	100	208	267	305	100	229	292	318	100	249	305	318	100	269	330	330
8"	7.6	2.6	30	15	100	241	305	343	100	259	318	356	100	279	343	368	100	300	356	368	100	320	381	381
10"	8.9	3.1	36	18	100	295	356	394	100	315	381	406	100	335	394	419	100	353	419	432	100	373	432	432
12"	9.8	3.4	39	20	100	345	406	445	100	366	432	457	100	386	445	470	100	404	470	483	100	424	483	483
14"	11	3.9	44	22	100	376	432	483	100	396	457	495	100	417	483	495	100	437	495	508	100	457	521	521
16"	13	4.5	52	26	100	427	483	533	100	447	508	546	100	467	533	559	100	488	546	559	150	508	572	622
18"	14	5.0	57	28	100	478	546	584	100	498	572	597	100	518	597	610	100	538	610	610	150	559	635	673
20"	15	5.3	60	30	100	528	597	635	100	549	622	648	100	569	648	660	100	589	660	660	150	610	686	724
24"	16	5.6	64	32	100	630	699	737	100	650	724	749	100	671	749	762	100	691	762	775	150	711	787	826
30"	21	7.3	84	42	100	782	851	889	100	803	876	902	100	823	902	914	150	843	914	978	150	864	940	978
36"	24	8.6	98	49	100	935	1003	1041	100	955	1029	1054	100	975	1054	1067	150	996	1067	1130	150	1016	1092	1130
42"	28	9.7	110	39	100	1087	1168	1194	100	1107	1194	1207	100	1128	1207	1219	150	1148	1232	1283	150	1168	1245	1283
48"	32	11	126	44	100	1240	1321	1346	100	1260	1346	1359	100	1280	1359	1372	150	1300	1384	1435	150	1321	1397	1435
56"	37	13	147	52	100	1443	1524	1549	100	1463	1549	1562	100	1483	1562	1575	150	1504	1588	1638	150	1524	1600	1638
60"	40	14	158	55	100	1544	1626	1651	100	1565	1651	1664	100	1585	1664	1676	150	1605	1689	1740	150	1626	1702	1740
66"	44	15	173	61	100	1697	1778	1778	100	1717	1803	1791	100	1737	1816	1803	150	1758	1842	1867	150	1778	1854	1867
72"	48	17	189	66	100	1849	1930	1956	100	1869	1956	1969	100	1890	1969	1981	150	1910	1994	2045	150	1930	2007	2045

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

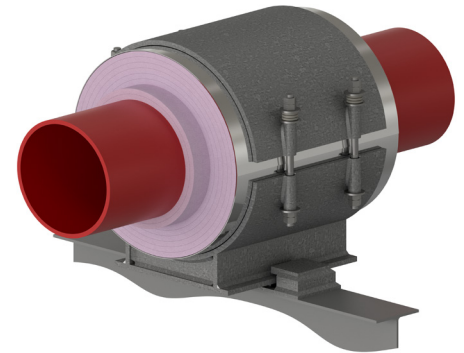
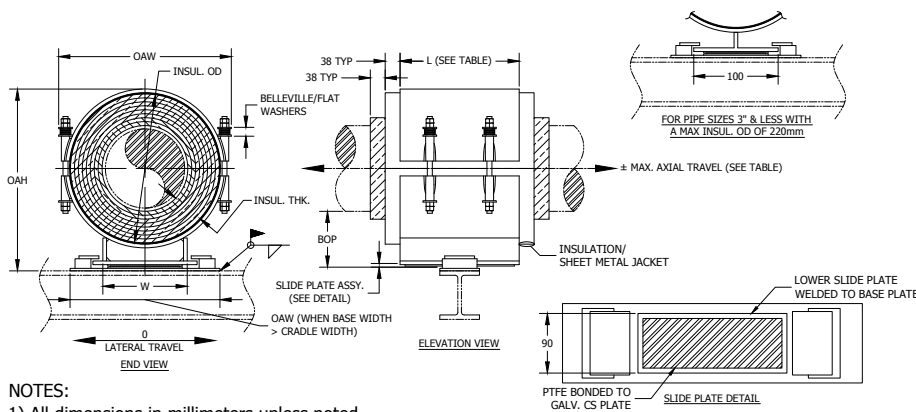
** Information presented on this page subject to change without notice.

CGCW - 8 x 30 - 100 - 300 - 19 - 6.8

DESIGNATION
EXAMPLE

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN)

PyroWrap Guided Support



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

* L + 150mm for pipe sizes > 42"

NOTES:

1) All dimensions in millimeters unless noted.

NOM PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	60mm				70mm				80mm				90mm				100mm			
					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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																								
1/2"	0.6	0.2	2.4	1.2	100	142	191	191	150	163	216	254	150	183	229	267	150	203	254	279	150	224	267	292
3/4"	0.8	0.3	3.1	1.6	100	147	191	203	150	168	216	267	150	188	241	267	150	208	254	279	150	229	279	292
1"	1.0	0.4	4.0	2.0	100	155	203	203	150	175	229	267	150	196	241	279	150	216	267	292	150	234	279	292
1-1/2"	1.4	0.5	5.8	2.9	100	170	216	216	150	191	241	279	150	208	254	292	150	229	279	305	150	249	292	318
2"	1.7	0.6	6.7	3.3	100	180	229	229	150	201	254	292	150	221	267	305	150	241	292	318	150	262	305	330
2-1/2"	2.0	0.7	8.0	4.0	100	193	241	241	150	213	267	305	150	234	279	318	150	254	305	330	150	274	318	343
3"	2.4	0.8	9.3	4.7	100	211	254	267	150	231	279	318	150	249	292	330	150	269	318	343	150	290	343	356
4"	3.7	1.3	15	7.5	100	236	279	292	150	257	305	343	150	274	318	356	150	295	343	368	150	315	368	381
6"	5.7	2.0	23	11	100	290	356	343	150	310	368	406	150	330	394	419	150	351	406	419	150	368	432	432
8"	7.6	2.6	30	15	150	340	406	445	150	361	419	457	150	381	445	470	150	401	457	470	200	419	483	533
10"	8.9	3.1	36	18	150	394	457	495	150	414	470	508	150	434	495	521	150	455	521	533	200	475	533	584
12"	9.8	3.4	39	20	150	445	508	546	150	465	521	559	150	485	546	572	150	505	572	584	200	526	584	635
14"	11	3.9	44	22	150	478	533	584	150	498	559	597	150	516	572	597	150	536	597	610	200	556	622	673
16"	13	4.5	52	26	150	528	584	635	150	549	610	648	150	566	622	660	200	587	648	711	200	607	673	724
18"	14	5.0	57	28	150	579	648	686	150	599	673	699	150	617	686	711	200	638	711	762	200	658	737	775
20"	15	5.3	60	30	150	630	699	737	150	650	724	749	150	668	737	762	200	688	762	813	200	709	787	826
24"	16	5.6	64	32	150	732	800	838	150	752	826	851	150	770	838	864	200	790	864	927	200	810	889	927
30"	21	7.3	84	42	150	884	953	991	150	904	978	1003	200	922	991	1067	200	942	1016	1080	200	963	1041	1080
36"	24	8.6	98	49	150	1036	1105	1143	150	1057	1130	1156	200	1074	1143	1219	200	1095	1168	1232	200	1115	1194	1232
42"	28	9.7	110	39	150	1189	1270	1295	150	1209	1295	1308	200	1227	1308	1372	200	1247	1334	1384	200	1267	1346	1384
48"	32	11	126	44	150	1341	1422	1448	150	1361	1448	1461	200	1379	1461	1524	200	1400	1486	1537	200	1420	1499	1537
56"	37	13	147	52	150	1544	1626	1651	150	1565	1651	1664	200	1582	1664	1727	200	1603	1689	1740	200	1623	1702	1740
60"	40	14	158	55	150	1646	1727	1753	150	1666	1753	1765	200	1684	1765	1829	200	1704	1791	1842	200	1725	1803	1842
66"	44	15	173	61	150	1798	1880	1880	150	1819	1905	1892	200	1836	1918	1956	200	1857	1943	1969	200	1877	1956	1969
72"	48	17	189	66	150	1951	2032	2057	150	1971	2057	2070	200	1989	2070	2134	200	2009	2096	2146	200	2029	2108	2146

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

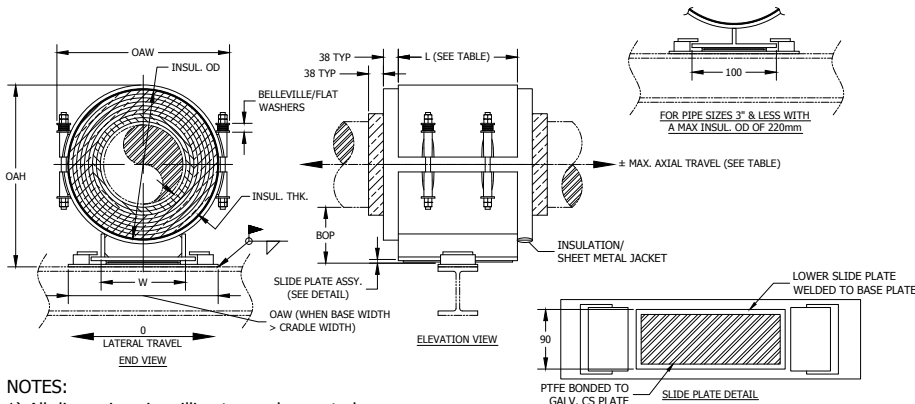
** Information presented on this page subject to change without notice.

CGCW - 8 x 30 - 100 - 300 - 19 - 6.8

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN)

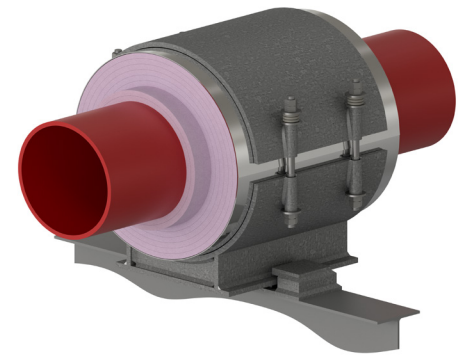
DESIGNATION EXAMPLE

PyroWrap Guided Support



NOTES:

1) All dimensions in millimeters unless noted.



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

* L + 150mm for pipe sizes > 42"

NOM PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	110mm				120mm				130mm				140mm				150mm			
					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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																								
1/2"	0.6	0.2	2.4	1.2	200	244	292	343	200	262	305	356	200	282	330	368	200	302	356	381	250	323	368	432
3/4"	0.8	0.3	3.1	1.6	200	249	292	356	200	267	318	356	200	287	330	368	200	307	356	381	250	328	381	445
1"	1.0	0.4	4.0	2.0	200	254	305	356	200	274	318	368	200	295	343	381	200	315	368	394	250	335	381	445
1-1/2"	1.4	0.5	5.8	2.9	200	269	318	368	200	290	343	381	200	310	356	394	200	330	381	406	250	351	394	470
2"	1.7	0.6	6.7	3.3	200	282	330	381	200	302	356	394	200	323	368	406	200	340	394	419	250	361	406	470
2-1/2"	2.0	0.7	8.0	4.0	200	295	343	394	200	315	368	406	200	335	381	419	200	353	406	432	250	373	419	483
3"	2.4	0.8	9.3	4.7	200	310	356	419	200	330	381	419	200	351	394	432	200	371	419	445	250	391	445	508
4"	3.7	1.3	15	7.5	200	335	381	445	200	356	406	445	200	376	419	457	200	396	445	470	250	417	470	533
6"	5.7	2.0	23	11	200	389	445	495	200	409	470	508	200	429	495	521	200	450	508	521	250	470	533	584
8"	7.6	2.6	30	15	200	439	495	546	200	460	521	559	200	480	546	572	250	500	559	622	250	521	584	635
10"	8.9	3.1	36	18	200	495	559	597	200	513	572	610	200	533	597	622	250	554	610	686	250	574	635	686
12"	9.8	3.4	39	20	200	546	610	648	200	564	622	660	200	584	648	673	250	605	660	737	250	625	686	737
14"	11	3.9	44	22	200	577	635	686	200	597	660	686	200	617	673	699	250	638	699	762	250	658	724	775
16"	13	4.5	52	26	200	627	686	737	200	648	711	749	250	668	724	813	250	688	749	813	250	709	775	826
18"	14	5.0	57	28	200	678	749	787	200	699	775	800	250	719	787	864	250	739	813	864	250	759	838	876
20"	15	5.3	60	30	200	729	800	838	200	749	826	851	250	770	838	914	250	790	864	914	250	810	889	927
24"	16	5.6	64	32	200	831	902	940	200	851	927	953	250	871	940	1016	250	892	965	1029	250	912	991	1029
30"	21	7.3	84	42	200	983	1054	1092	250	1003	1080	1156	250	1024	1092	1168	250	1044	1118	1181	250	1064	1143	1181
36"	24	8.6	98	49	200	1135	1207	1245	250	1156	1232	1308	250	1176	1245	1321	250	1196	1270	1334	250	1217	1295	1334
42"	28	9.7	110	39	200	1288	1372	1397	250	1308	1384	1461	250	1328	1410	1473	250	1349	1435	1486	250	1369	1448	1486
48"	32	11	126	44	200	1440	1524	1549	250	1461	1537	1613	250	1481	1562	1626	250	1501	1588	1638	250	1521	1600	1638
56"	37	13	147	52	200	1643	1727	1753	250	1664	1740	1816	250	1684	1765	1829	250	1704	1791	1842	250	1725	1803	1842
60"	40	14	158	55	200	1745	1829	1854	250	1765	1842	1918	250	1786	1867	1930	250	1806	1892	1943	250	1826	1905	1943
66"	44	15	173	61	200	1897	1981	1981	250	1918	1994	2045	250	1938	2019	2057	250	1958	2045	2070	250	1979	2057	2070
72"	48	17	189	66	200	2050	2134	2159	250	2070	2146	2223	250	2090	2172	2235	250	2111	2197	2248	250	2131	2210	2248

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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

Ordering Instructions:

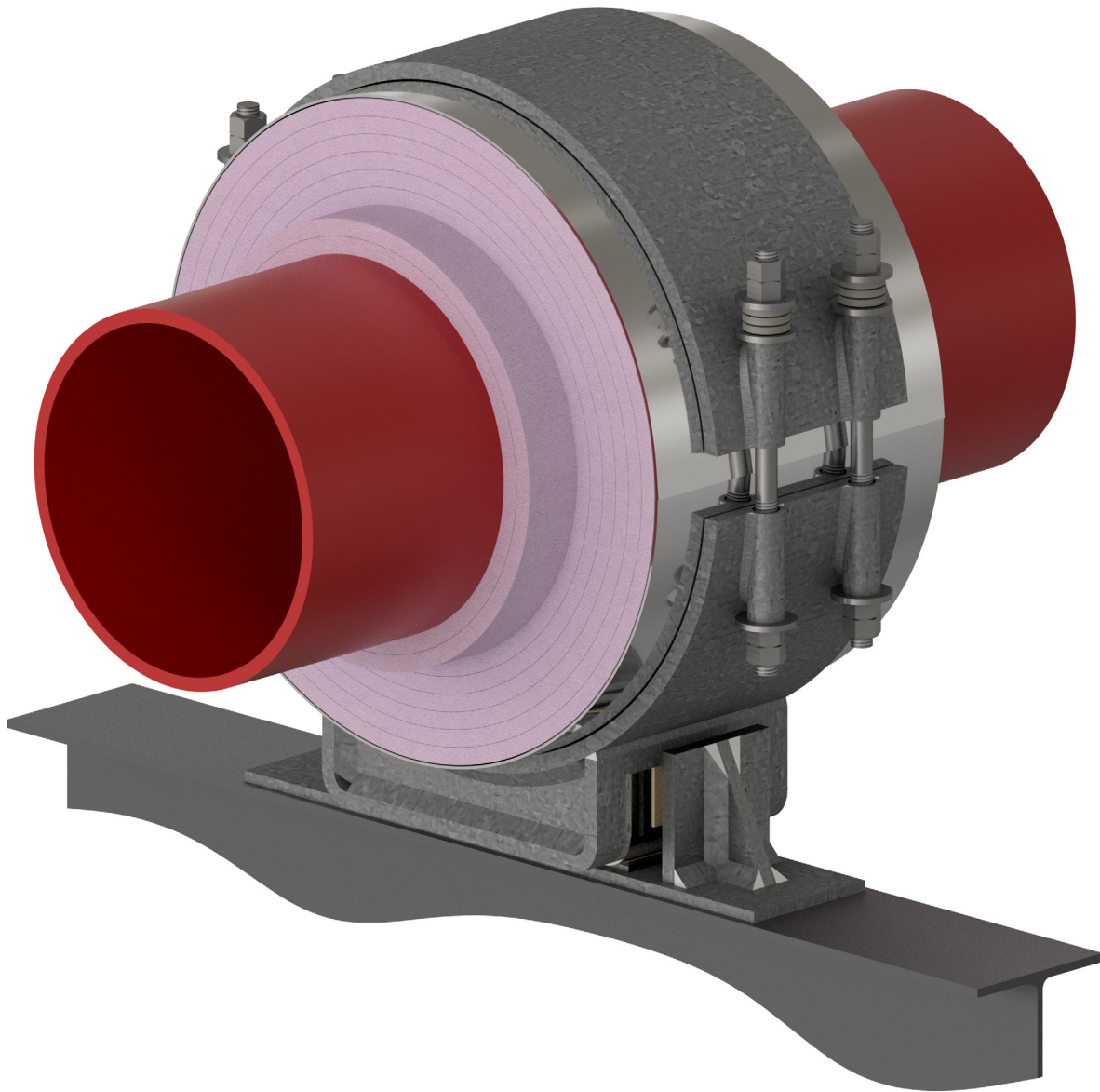
To Order, Please Specify:

- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

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

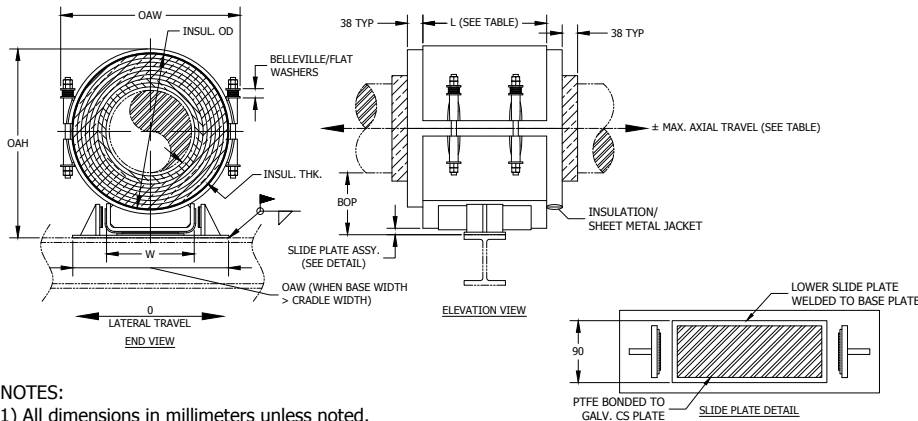
PyroWrap Guided Supports



HG(L)CW - 8 x 30 - 100 - 300 - 7.6 - 3.8

DESIGNATION
EXAMPLE

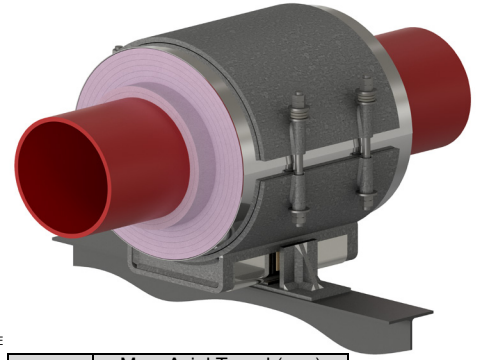
Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN)



NOTES:

1) All dimensions in millimeters unless noted.

PyroWrap Guided Support



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

* L + 150mm for pipe sizes > 42"

NOM PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																				
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	10mm				20mm				30mm				40mm				50mm				
					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)	
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																									
1/2"	0.6	0.3	2.4	1.2	x	x	x	x	x	x	x	x	x	x	x	x	100	102	178	178	100	122	191	191	
3/4"	0.8	0.4	3.1	1.6	x	x	x	x	x	x	x	x	x	x	x	x	100	107	178	178	100	127	191	191	
1"	1.0	0.5	4.0	2.0	x	x	x	x	x	x	x	x	x	x	x	x	100	114	178	191	100	135	191	191	
1-1/2"	1.4	0.7	5.8	2.9	x	x	x	x	x	x	x	x	100	109	178	191	100	130	191	203	100	150	203	216	
2"	1.7	0.8	6.7	3.3	x	x	x	x	100	102	178	191	100	122	191	203	100	142	203	216	100	163	216	229	
2-1/2"	2.0	1.0	8.0	4.0	x	x	x	x	100	114	178	203	100	135	191	216	100	155	203	229	100	175	229	241	
3"	2.4	1.2	9.3	4.7	100	109	178	216	100	130	191	216	100	150	203	229	100	170	216	241	100	191	241	254	
4"	3.7	1.9	15	7.5	100	135	191	241	100	155	203	241	100	175	229	254	100	196	241	267	100	216	267	279	
6"	5.7	2.8	23	11	100	191	279	292	100	208	292	305	100	229	305	318	100	249	318	318	100	269	330	330	
8"	7.6	3.8	30	15	100	241	318	343	100	259	330	356	100	279	343	368	100	300	356	368	100	320	381	381	
10"	8.9	4.4	36	18	100	295	406	394	100	315	419	406	100	335	432	419	100	353	445	432	100	373	457	432	
12"	9.8	4.9	39	20	100	345	432	445	100	366	445	457	100	386	457	470	100	404	470	483	100	424	483	483	
14"	11	5.6	44	22	100	376	457	483	100	396	470	495	100	417	483	495	100	437	495	508	100	457	521	521	
16"	13	6.4	52	26	100	427	483	533	100	447	508	546	100	467	533	559	100	488	546	559	150	508	572	622	
18"	14	7.1	57	28	100	478	546	584	100	498	572	597	100	518	597	610	100	538	610	610	150	559	635	673	
20"	15	7.6	60	30	100	528	597	635	100	549	622	648	100	569	648	660	100	589	660	660	150	610	686	724	
24"	16	8.0	64	32	100	630	699	737	100	650	724	749	100	671	749	762	100	691	762	775	150	711	787	826	
30"	21	10	84	42	100	782	851	889	100	803	876	902	100	823	902	914	150	843	914	978	150	864	940	978	
36"	24	12	98	49	100	935	1003	1041	100	955	1029	1054	100	975	1054	1067	150	996	1067	1130	150	1016	1092	1130	
42"	28	14	110	55	100	1087	1168	1194	100	1107	1194	1207	100	1128	1207	1219	150	1148	1232	1283	150	1168	1245	1283	
48"	32	16	126	63	100	1240	1321	1346	100	1260	1346	1359	100	1280	1359	1372	150	1300	1384	1435	150	1321	1397	1435	
56"	37	18	147	74	100	1443	1524	1549	100	1463	1549	1562	100	1483	1562	1575	150	1504	1588	1638	150	1524	1600	1638	
60"	40	20	158	79	100	1544	1626	1651	100	1565	1651	1664	100	1585	1664	1676	150	1605	1689	1740	150	1626	1702	1740	
66"	44	22	173	87	100	1697	1778	1778	100	1717	1803	1791	100	1737	1816	1803	150	1758	1842	1867	150	1778	1854	1867	
72"	48	24	189	95	100	1849	1930	1956	100	1869	1956	1969	100	1890	1969	1981	150	1910	1994	2045	150	1930	2007	2045	

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
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- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
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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:

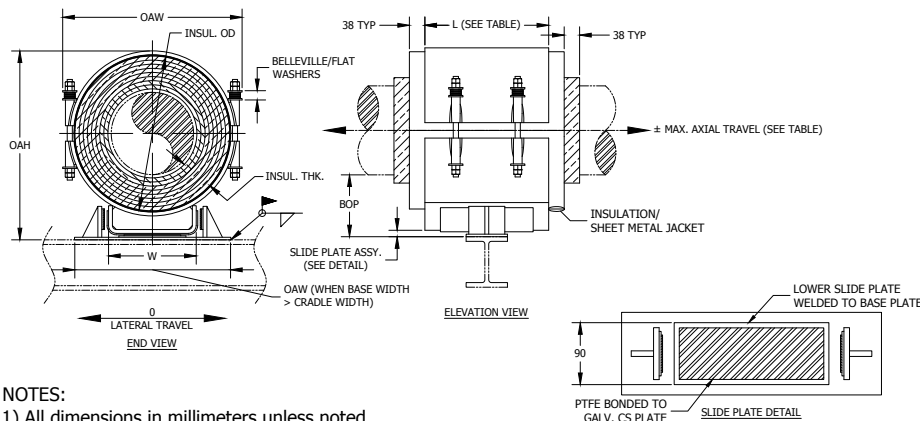
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

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

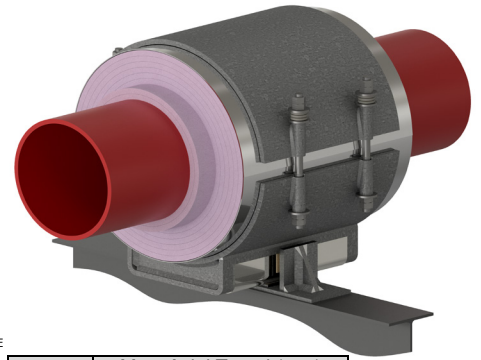
HG(L)CW - 8 x 30 - 100 - 300 - 7.6 - 3.8 DESIGNATION
EXAMPLE

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN)



NOTES:

1) All dimensions in millimeters unless noted.



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

* L + 150mm for pipe sizes > 42"

NOM PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	60mm				70mm				80mm				90mm				100mm			
					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)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																								
1/2"	0.6	0.3	2.4	1.2	100	142	203	191	150	163	216	254	150	183	229	267	150	203	254	279	150	224	267	292
3/4"	0.8	0.4	3.1	1.6	100	147	203	203	150	168	216	267	150	188	241	267	150	208	254	279	150	229	279	292
1"	1.0	0.5	4.0	2.0	100	155	203	203	150	175	229	267	150	196	241	279	150	216	267	292	150	234	279	292
1-1/2"	1.4	0.7	5.8	2.9	100	170	216	216	150	191	241	279	150	208	254	292	150	229	279	305	150	249	292	318
2"	1.7	0.8	6.7	3.3	100	180	229	229	150	201	254	292	150	221	267	305	150	241	292	318	150	262	305	330
2-1/2"	2.0	1.0	8.0	4.0	100	193	241	241	150	213	267	305	150	234	279	318	150	254	305	330	150	274	318	343
3"	2.4	1.2	9.3	4.7	100	211	254	267	150	231	279	318	150	249	292	330	150	269	318	343	150	290	343	356
4"	3.7	1.9	15	7.5	100	236	279	292	150	257	305	343	150	274	318	356	150	295	343	368	150	315	368	381
6"	5.7	2.8	23	11	100	290	356	343	150	310	368	406	150	330	394	419	150	351	406	419	150	368	432	432
8"	7.6	3.8	30	15	150	340	406	445	150	361	419	457	150	381	445	470	150	401	457	470	200	419	483	533
10"	8.9	4.4	36	18	150	394	470	495	150	414	483	508	150	434	495	521	150	455	521	533	200	475	533	584
12"	9.8	4.9	39	20	150	445	508	546	150	465	521	559	150	485	546	572	150	505	572	584	200	526	584	635
14"	11	5.6	44	22	150	478	533	584	150	498	559	597	150	516	572	597	150	536	597	610	200	556	622	673
16"	13	6.4	52	26	150	528	584	635	150	549	610	648	150	566	622	660	200	587	648	711	200	607	673	724
18"	14	7.1	57	28	150	579	648	686	150	599	673	699	150	617	686	711	200	638	711	762	200	658	737	775
20"	15	7.6	60	30	150	630	699	737	150	650	724	749	150	668	737	762	200	688	762	813	200	709	787	826
24"	16	8.0	64	32	150	732	800	838	150	752	826	851	150	770	838	864	200	790	864	927	200	810	889	927
30"	21	10	84	42	150	884	953	991	150	904	978	1003	200	922	991	1067	200	942	1016	1080	200	963	1041	1080
36"	24	12	98	49	150	1036	1105	1143	150	1057	1130	1156	200	1074	1143	1219	200	1095	1168	1232	200	1115	1194	1232
42"	28	14	110	55	150	1189	1270	1295	150	1209	1295	1308	200	1227	1308	1372	200	1247	1334	1384	200	1267	1346	1384
48"	32	16	126	63	150	1341	1422	1448	150	1361	1448	1461	200	1379	1461	1524	200	1400	1486	1537	200	1420	1499	1537
56"	37	18	147	74	150	1544	1626	1651	150	1565	1651	1664	200	1582	1664	1727	200	1603	1689	1740	200	1623	1702	1740
60"	40	20	158	79	150	1646	1727	1753	150	1666	1753	1765	200	1684	1765	1829	200	1704	1791	1842	200	1725	1803	1842
66"	44	22	173	87	150	1798	1880	1880	150	1819	1905	1892	200	1836	1918	1956	200	1857	1943	1969	200	1877	1956	1969
72"	48	24	189	95	150	1951	2032	2057	150	1971	2057	2070	200	1989	2070	2134	200	2009	2096	2146	200	2029	2108	2146

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
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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
- BOP
- Support Length
- Vertical Load
- Movements

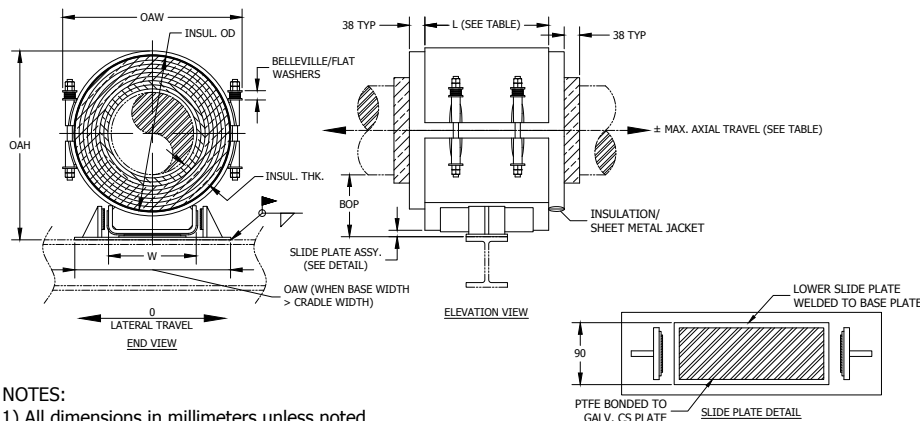
* See page 69 of this catalog for new designation model number construction.

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



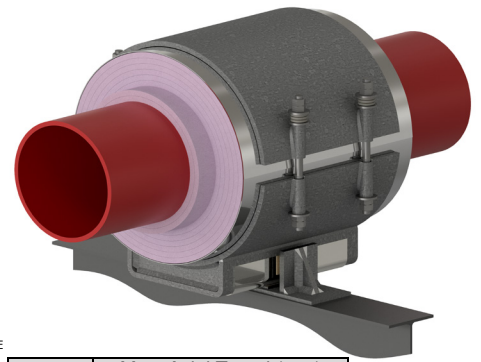
HG(L)CW - 8 x 30 - 100 - 300 - 7.6 - 3.8 DESIGNATION
EXAMPLE

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN)



NOTES:

1) All dimensions in millimeters unless noted.



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

* L + 150mm for pipe sizes > 42"

NOM PIPE SIZE	LOW LOAD OPTION		HIGH LOAD OPTION		INSULATION THICKNESS																			
	VERT. (kN)	LAT. (kN)	VERT. (kN)	LAT. (kN)	110mm			120mm			130mm			140mm			150mm							
					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)				
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																								
1/2"	0.6	0.3	2.4	1.2	200	244	292	343	200	262	305	356	200	282	330	368	200	302	356	381	250	323	368	432
3/4"	0.8	0.4	3.1	1.6	200	249	292	356	200	267	318	356	200	287	330	368	200	307	356	381	250	328	381	445
1"	1.0	0.5	4.0	2.0	200	254	305	356	200	274	318	368	200	295	343	381	200	315	368	394	250	335	381	445
1-1/2"	1.4	0.7	5.8	2.9	200	269	318	368	200	290	343	381	200	310	356	394	200	330	381	406	250	351	394	470
2"	1.7	0.8	6.7	3.3	200	282	330	381	200	302	356	394	200	323	368	406	200	340	394	419	250	361	406	470
2-1/2"	2.0	1.0	8.0	4.0	200	295	343	394	200	315	368	406	200	335	381	419	200	353	406	432	250	373	419	483
3"	2.4	1.2	9.3	4.7	200	310	356	419	200	330	381	419	200	351	394	432	200	371	419	445	250	391	445	508
4"	3.7	1.9	15	7.5	200	335	381	445	200	356	406	445	200	376	419	457	200	396	445	470	250	417	470	533
6"	5.7	2.8	23	11	200	389	445	495	200	409	470	508	200	429	495	521	200	450	508	521	250	470	533	584
8"	7.6	3.8	30	15	200	439	495	546	200	460	521	559	200	480	546	572	250	500	559	622	250	521	584	635
10"	8.9	4.4	36	18	200	495	559	597	200	513	572	610	200	533	597	622	250	554	610	686	250	574	635	686
12"	9.8	4.9	39	20	200	546	610	648	200	564	622	660	200	584	648	673	250	605	660	737	250	625	686	737
14"	11	5.6	44	22	200	577	635	686	200	597	660	686	200	617	673	699	250	638	699	762	250	658	724	775
16"	13	6.4	52	26	200	627	686	737	200	648	711	749	250	668	724	813	250	688	749	813	250	709	775	826
18"	14	7.1	57	28	200	678	749	787	200	699	775	800	250	719	787	864	250	739	813	864	250	759	838	876
20"	15	7.6	60	30	200	729	800	838	200	749	826	851	250	770	838	914	250	790	864	914	250	810	889	927
24"	16	8.0	64	32	200	831	902	940	200	851	927	953	250	871	940	1016	250	892	965	1029	250	912	991	1029
30"	21	10	84	42	200	983	1054	1092	250	1003	1080	1156	250	1024	1092	1168	250	1044	1118	1181	250	1064	1143	1181
36"	24	12	98	49	200	1135	1207	1245	250	1156	1232	1308	250	1176	1245	1321	250	1196	1270	1334	250	1217	1295	1334
42"	28	14	110	55	200	1288	1372	1397	250	1308	1384	1461	250	1328	1410	1473	250	1349	1435	1486	250	1369	1448	1486
48"	32	16	126	63	200	1440	1524	1549	250	1461	1537	1613	250	1481	1562	1626	250	1501	1588	1638	250	1521	1600	1638
56"	37	18	147	74	200	1643	1727	1753	250	1664	1740	1816	250	1684	1765	1829	250	1704	1791	1842	250	1725	1803	1842
60"	40	20	158	79	200	1745	1829	1854	250	1765	1842	1918	250	1786	1867	1930	250	1806	1892	1943	250	1826	1905	1943
66"	44	22	173	87	200	1897	1981	1981	250	1918	1994	2045	250	1938	2019	2057	250	1958	2045	2070	250	1979	2057	2070
72"	48	24	189	95	200	2050	2134	2159	250	2070	2146	2223	250	2090	2172	2235	250	2111	2197	2248	250	2131	2210	2248

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
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For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

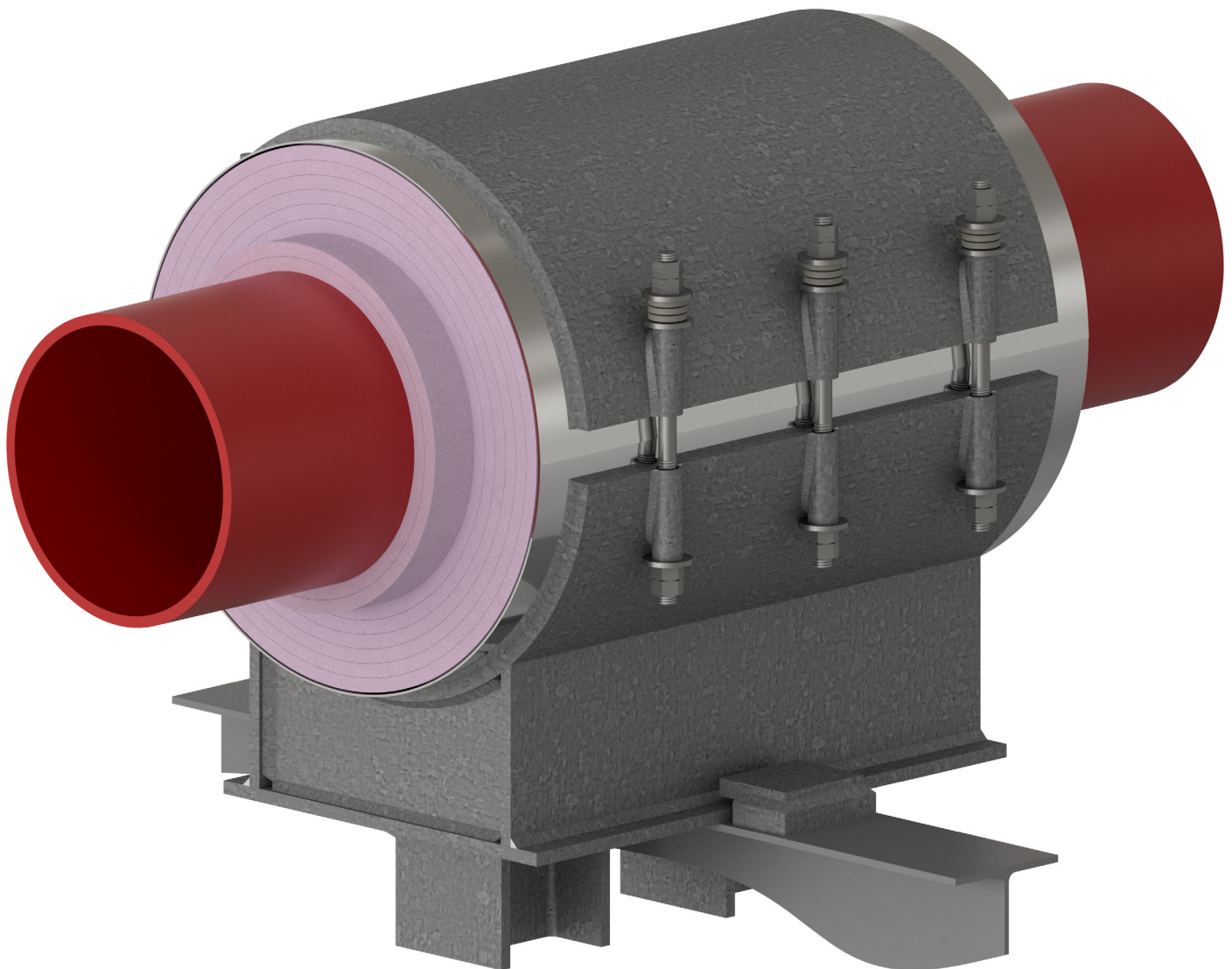
To Order, Please Specify:

- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

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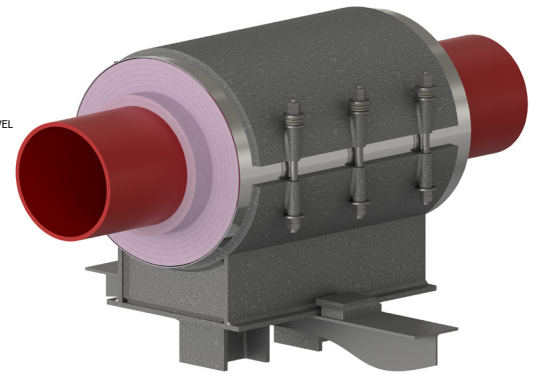
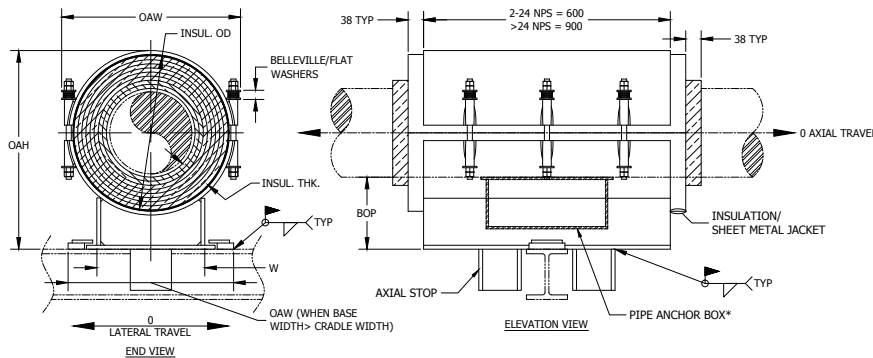
PyroWrap Anchored Supports



HACW - 8 x 30 - 100 - 600 - 7.6 - 2.6 - 13

PyroWrap Anchored Support

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN) Axial Load (kN) DESIGNATION EXAMPLE



NOTES)

1) All dimensions in millimeters unless noted.

* - Pipe anchor box to be compatible with process pipe material.

NOM PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																					
	VERT. (kN)	LAT. (kN)	AXI. (kN)	VERT. (kN)	LAT. (kN)	AXI. (kN)	10mm				20mm				30mm				40mm				50mm					
							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)		
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																												
1"	0.9	0.3	1.8	4.0	1.4	6.0	100	56	152	152	100	74	165	165	100	94	178	178	100	114	203	191	100	135	216	191		
1-1/2"	1.3	0.5	2.6	5.8	2.0	8.8	100	69	165	165	100	89	178	178	100	109	191	191	100	130	216	203	100	150	229	216		
2"	1.6	0.6	3.2	7.3	2.6	11	100	81	165	178	100	102	191	191	100	122	203	203	100	142	229	216	100	163	241	229		
2-1/2"	2.0	0.7	4.0	8.8	3.1	13	100	94	178	191	100	114	203	203	100	135	216	216	100	155	229	229	100	175	254	241		
3"	2.4	0.8	6.2	11	3.8	16	100	109	191	216	100	130	216	216	100	150	229	229	100	170	241	241	100	191	267	254		
4"	3.7	1.3	7.7	14	4.8	21	100	135	216	241	100	155	229	241	100	175	254	254	100	196	267	267	100	216	279	279		
6"	5.7	2.0	11	20	7.1	31	100	191	267	292	100	208	279	305	100	229	292	318	100	249	318	318	100	269	330	330		
8"	7.6	2.6	13	26	9.3	40	100	241	305	343	100	259	318	356	100	279	343	368	100	300	356	368	100	320	381	381		
10"	8.9	3.1	16	33	12	50	100	295	356	394	100	315	381	406	100	335	394	419	100	353	419	432	100	373	432	432		
12"	9.8	3.4	19	39	14	59	100	345	406	445	100	366	432	457	100	386	445	470	100	404	470	483	100	424	483	483		
14"	11	3.9	21	44	16	67	100	376	432	483	100	396	457	495	100	417	483	495	100	437	495	508	100	457	521	521		
16"	13	4.5	24	52	18	77	100	427	483	533	100	447	508	546	100	467	533	559	100	488	546	559	150	508	572	622		
18"	14	5.0	27	57	20	85	100	478	546	584	100	498	572	597	100	518	597	610	100	538	610	610	150	559	635	673		
20"	15	5.3	29	60	21	91	100	528	597	635	100	549	622	648	100	569	648	660	100	589	660	660	150	610	686	724		
24"	16	5.6	35	64	22	96	100	630	699	737	100	650	724	749	100	671	749	762	100	691	762	775	150	711	787	826		
30"	21	7.3	43	84	29	125	100	782	851	889	100	803	876	902	100	823	902	914	150	843	914	978	150	864	940	978		
36"	24	8.6	52	98	34	147	100	935	1003	1041	100	955	1029	1054	100	975	1054	1067	150	996	1067	1130	150	1016	1092	1130		
42"	28	9.7	60	110	39	165	100	1087	1168	1194	100	1107	1194	1207	100	1128	1207	1219	150	1148	1232	1283	150	1168	1245	1283		
48"	32	11	69	126	44	275	100	1240	1321	1346	100	1260	1346	1359	100	1280	1359	1372	150	1300	1384	1435	150	1321	1397	1435		
56"	37	13	80	147	52	321	100	1443	1524	1549	100	1463	1549	1562	100	1483	1562	1575	150	1504	1588	1638	150	1524	1600	1638		
60"	40	14	86	158	55	344	100	1544	1626	1651	100	1565	1651	1664	100	1585	1664	1676	150	1605	1689	1740	150	1626	1702	1740		
66"	44	15	95	173	61	378	100	1697	1778	1778	100	1717	1803	1791	100	1737	1816	1803	150	1758	1842	1867	150	1778	1854	1867		
72"	48	17	104	189	66	413	100	1849	1930	1956	100	1869	1956	1969	100	1890	1969	1981	150	1910	1994	2045	150	1930	2007	2045		

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
- Patented anchor system allows increased load carrying capability and decreased heat transfer
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

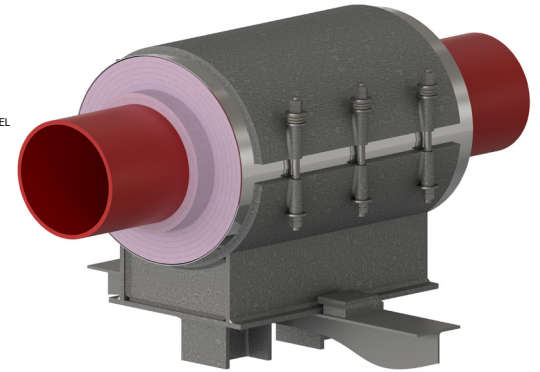
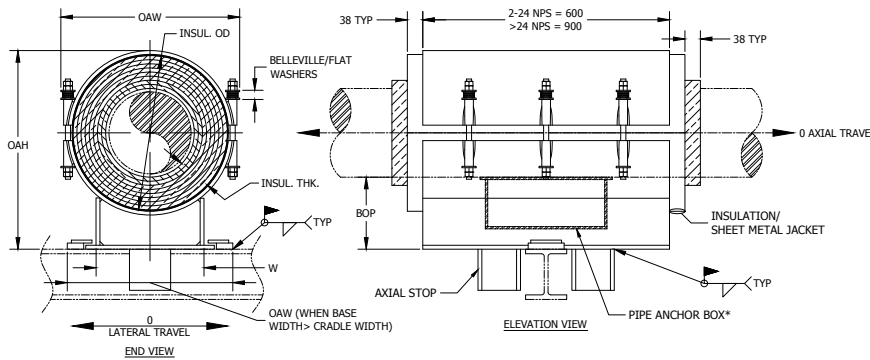
* See page 69 of this catalog for new designation model number construction.

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

HACW - 8 x 30 - 100 - 600 - 7.6 - 2.6 - 13

PyroWrap Anchored Support

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN) Axial Load (kN) DESIGNATION EXAMPLE



NOTES)

1) All dimensions in millimeters unless noted.

* - Pipe anchor box to be compatible with process pipe material.

NOM PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																					
	VERT. (kN)	LAT. (kN)	AXI. (kN)	VERT. (kN)	LAT. (kN)	AXI. (kN)	60mm				70mm				80mm				90mm				100mm					
							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)		
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																												
1"	0.9	0.3	1.8	4.0	1.4	6.0	100	155	229	203	150	175	254	267	150	196	267	279	150	216	279	292	150	234	305	292		
1-1/2"	1.3	0.5	2.6	5.8	2.0	8.8	100	170	241	216	150	191	267	279	150	208	279	292	150	229	292	305	150	249	318	318		
2"	1.6	0.6	3.2	7.3	2.6	11	100	180	254	229	150	201	267	292	150	221	292	305	150	241	305	318	150	262	330	330		
2-1/2"	2.0	0.7	4.0	8.8	3.1	13	100	193	267	241	150	213	279	305	150	234	305	318	150	254	318	330	150	274	330	343		
3"	2.4	0.8	6.2	11	3.8	16	100	211	279	267	150	231	292	318	150	249	318	330	150	269	330	343	150	290	343	356		
4"	3.7	1.3	7.7	14	4.8	21	100	236	305	292	150	257	318	343	150	274	330	356	150	295	356	368	150	315	368	381		
6"	5.7	2.0	11	20	7.1	31	100	290	356	343	150	310	368	406	150	330	394	419	150	351	406	419	150	368	432	432		
8"	7.6	2.6	13	26	9.3	40	150	340	406	445	150	361	419	457	150	381	445	470	150	401	457	470	200	419	483	533		
10"	8.9	3.1	16	33	12	50	150	394	457	495	150	414	470	508	150	434	495	521	150	455	521	533	200	475	533	584		
12"	9.8	3.4	19	39	14	59	150	445	508	546	150	465	521	559	150	485	546	572	150	505	572	584	200	526	584	635		
14"	11	3.9	21	44	16	67	150	478	533	584	150	498	559	597	150	516	572	597	150	536	597	610	200	556	622	673		
16"	13	4.5	24	52	18	77	150	528	584	635	150	549	610	648	150	566	622	660	200	587	648	711	200	607	673	724		
18"	14	5.0	27	57	20	85	150	579	648	686	150	599	673	699	150	617	686	711	200	638	711	762	200	658	737	775		
20"	15	5.3	29	60	21	91	150	630	699	737	150	650	724	749	150	668	737	762	200	688	762	813	200	709	787	826		
24"	16	5.6	35	64	22	96	150	732	800	838	150	752	826	851	150	770	838	864	200	790	864	927	200	810	889	927		
30"	21	7.3	43	84	29	125	150	884	953	991	150	904	978	1003	200	922	991	1067	200	942	1016	1080	200	963	1041	1080		
36"	24	8.6	52	98	34	147	150	1036	1105	1143	150	1057	1130	1156	200	1074	1143	1219	200	1095	1168	1232	200	1115	1194	1232		
42"	28	9.7	60	110	39	165	150	1189	1270	1295	150	1209	1295	1308	200	1227	1308	1372	200	1247	1334	1384	200	1267	1346	1384		
48"	32	11	69	126	44	275	150	1341	1422	1448	150	1361	1448	1461	200	1379	1461	1524	200	1400	1486	1537	200	1420	1499	1537		
56"	37	13	80	147	52	321	150	1544	1626	1651	150	1565	1651	1664	200	1582	1664	1727	200	1603	1689	1740	200	1623	1702	1740		
60"	40	14	86	158	55	344	150	1646	1727	1753	150	1666	1753	1765	200	1684	1765	1829	200	1704	1791	1842	200	1725	1803	1842		
66"	44	15	95	173	61	378	150	1798	1880	1880	150	1819	1905	1892	200	1836	1918	1956	200	1857	1943	1969	200	1877	1956	1969		
72"	48	17	104	189	66	413	150	1951	2032	2057	150	1971	2057	2070	200	1989	2070	2134	200	2009	2096	2146	200	2029	2108	2146		

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
- Patented anchor system allows increased load carrying capability and decreased heat transfer
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- Support Length
- Vertical Load
- Movements

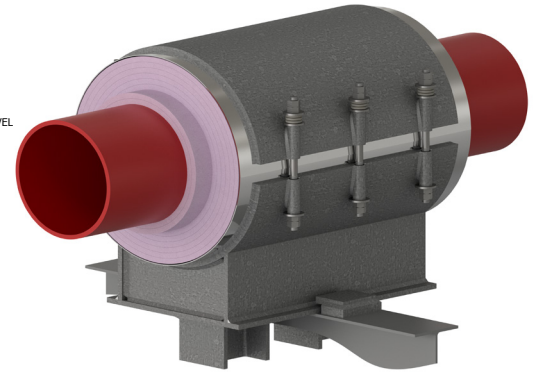
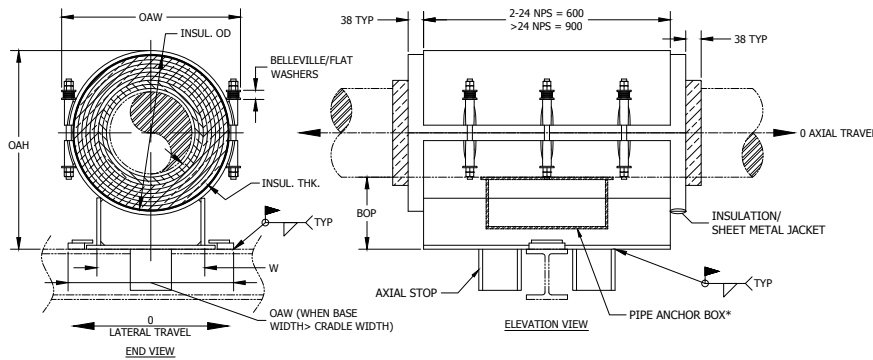
* See page 69 of this catalog for new designation model number construction.

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

HACW - 8 x 30 - 100 - 600 - 7.6 - 2.6 - 13

PyroWrap Anchored Support

Model No. Nominal Pipe Size Insulation Thickness BOP (mm) Support Length (mm) Vertical Load (kN) Lateral Load (kN) Axial Load (kN) DESIGNATION EXAMPLE



NOTES

1) All dimensions in millimeters unless noted.

* - Pipe anchor box to be compatible with process pipe material.

PIPE SIZE	LOW LOAD OPTION			HIGH LOAD OPTION			INSULATION THICKNESS																				
							110mm				120mm				130mm				140mm				150mm				
	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)	
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																											
1"	200	70	410	910	320	1360	8	10	12.5	14	8	10.8	13	14.5	8	11.6	14	15	8	12.4	14.5	15.5	10	13.2	15	17.5	
1-1/2"	290	105	590	1310	460	1970	8	10.6	13	14.5	8	11.4	13.5	15	8	12.2	14.5	15.5	8	13	15	16	10	13.8	15.5	18.5	
2"	360	130	730	1640	575	2460	8	11.1	13.5	15	8	11.9	14	15.5	8	12.7	15	16	8	13.4	15.5	16.5	10	14.2	16	18.5	
2-1/2"	440	155	890	1980	695	2980	8	11.6	14	15.5	8	12.4	14.5	16	8	13.2	15	16.5	8	13.9	16	17	10	14.7	16.5	19	
3"	530	190	1400	2420	850	3620	8	12.2	14.5	16.5	8	13	15	16.5	8	13.8	15.5	17	8	14.6	16.5	17.5	10	15.4	17.5	20	
4"	840	295	1730	3110	1090	4660	8	13.2	15	17.5	8	14	16	17.5	8	14.8	16.5	18	8	15.6	17.5	18.5	10	16.4	18.5	21	
6"	1275	450	2400	4570	1600	6860	8	15.3	17.5	19.5	8	16.1	18.5	20	8	16.9	19.5	20.5	8	17.7	20	20.5	10	18.5	21	23	
8"	1700	595	3020	5950	2085	8930	8	17.3	19.5	21.5	8	18.1	20.5	22	8	18.9	21.5	22.5	10	19.7	22	24.5	10	20.5	23	25	
10"	2000	700	3700	7420	2600	11130	8	19.5	22	23.5	8	20.2	22.5	24	8	21	23.5	24.5	10	21.8	24	27	10	22.6	25	27	
12"	2200	770	4320	8800	3080	13200	8	21.5	24	25.5	8	22.2	24.5	26	8	23	25.5	26.5	10	23.8	26	29	10	24.6	27	29	
14"	2500	875	4700	10000	3500	15000	8	22.7	25	27	8	23.5	26	27	8	24.3	26.5	27.5	10	25.1	27.5	30	10	25.9	28.5	30.5	
16"	2900	1015	5340	11600	4060	17400	8	24.7	27	29	8	25.5	28	29.5	10	26.3	28.5	32	10	27.1	29.5	32	10	27.9	30.5	32.5	
18"	3200	1120	5970	12800	4480	19200	8	26.7	29.5	31	8	27.5	30.5	31.5	10	28.3	31	34	10	29.1	32	34	10	29.9	33	34.5	
20"	3400	1190	6600	13600	4760	20400	8	28.7	31.5	33	8	29.5	32.5	33.5	10	30.3	33	36	10	31.1	34	36	10	31.9	35	36.5	
24"	3600	1260	7850	14400	5040	21600	8	32.7	35.5	37	8	33.5	36.5	37.5	10	34.3	37	40	10	35.1	38	40.5	10	35.9	39	40.5	
30"	4700	1645	9740	18800	6580	28200	8	38.7	41.5	43	10	39.5	42.5	45.5	10	40.3	43	46	10	41.1	44	46.5	10	41.9	45	46.5	
36"	5500	1925	11600	22000	7700	33000	8	44.7	47.5	49	10	45.5	48.5	51.5	10	46.3	49	52	10	47.1	50	52.5	10	47.9	51	52.5	
42"	6200	2170	13500	24800	8680	37200	8	50.7	54	55	10	51.5	54.5	57.5	10	52.3	55.5	58	10	53.1	56.5	58.5	10	53.9	57	58.5	
48"	7100	2485	15460	28400	9940	41830	8	56.7	60	61	10	57.5	60.5	63.5	10	58.3	61.5	64	10	59.1	62.5	64.5	10	59.9	63	64.5	
56"	8300	2905	18070	33100	11585	72060	8	64.7	68	69	10	65.5	68.5	71.5	10	66.3	69.5	72	10	67.1	70.5	72.5	10	67.9	71	72.5	
60"	8900	3115	19380	35500	12425	77290	8	68.7	72	73	10	69.5	72.5	75.5	10	70.3	73.5	76	10	71.1	74.5	76.5	10	71.9	75	76.5	
66"	9800	3430	21340	39000	13650	84910	8	74.7	78	78	10	75.5	78.5	80.5	10	76.3	79.5	81	10	77.1	80.5	81.5	10	77.9	81	81.5	
72"	10700	3745	23300	42600	14910	92750	8	80.7	84	85	10	81.5	84.5	87.5	10	82.3	85.5	88	10	83.1	86.5	88.5	10	83.9	87	88.5	

*W - Dimension is calculated by multiplying (INSULATION OD*0.65), when base is not a WT member.

Applications & Features:

- Temperature range from -40 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 safety factor of 5
- A36 steel construction
- Patented anchor system allows increased load carrying capability and decreased heat transfer
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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

Ordering Instructions:

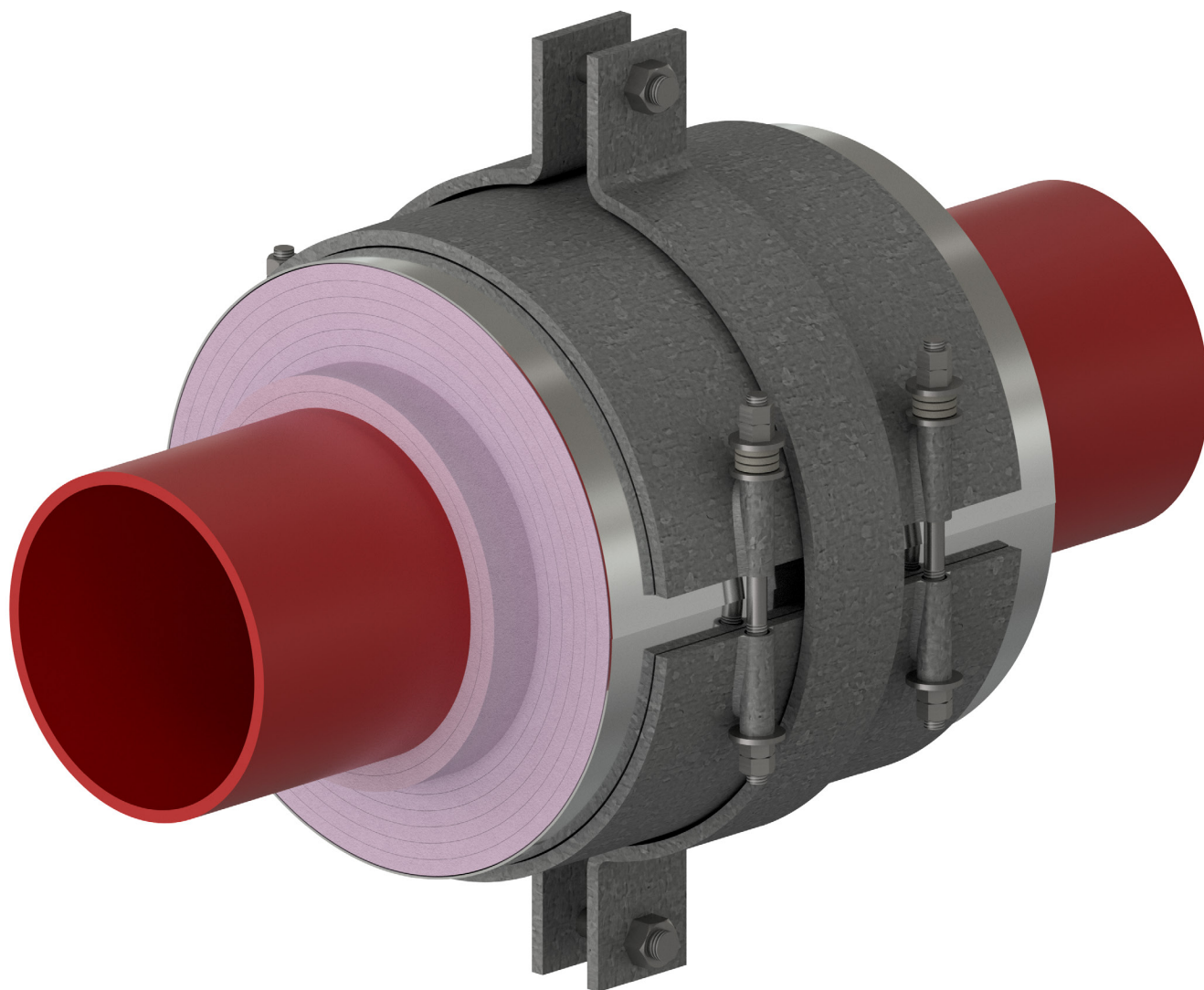
To Order, Please Specify:

- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

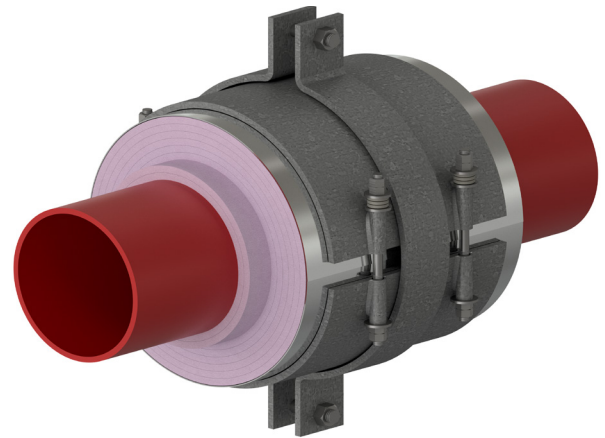
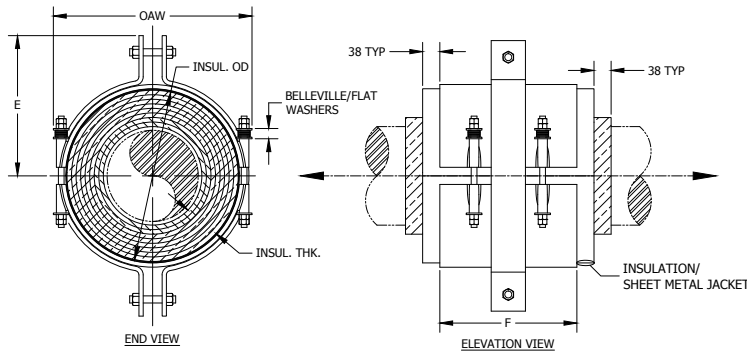
** Information presented on this page subject to change without notice.

PyroWrap Hanging Supports



HHCW - 8 x 30 - 229 - 5.3

Model No. Nominal Pipe Size Insulation Thickness Support Length (F) Vertical Load (kN)

DESIGNATION EXAMPLE
PyroWrap Hanging Support

NOTES:

1) All dimensions in millimeters unless noted.

NOM PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			10mm				20mm				30mm				40mm				50mm			
			INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																						
1"	0.3	0.8	56	229	102	61	74	229	165	69	94	229	178	79	114	229	203	89	135	229	216	99
1-1/2"	0.4	1.7	69	229	114	66	89	229	178	76	109	229	191	86	130	229	216	97	150	229	229	107
2"	0.6	2.5	81	229	127	74	102	229	191	84	122	229	203	94	142	229	229	104	163	229	241	114
2-1/2"	0.9	3.4	94	229	140	79	114	229	203	89	135	229	216	99	155	229	229	109	175	229	254	119
3"	1.0	4.2	109	229	191	86	130	229	216	97	150	229	229	107	170	229	241	117	191	229	267	127
4"	1.4	6.0	135	229	254	99	155	229	267	109	175	229	292	119	196	229	305	130	216	229	330	140
6"	3.0	9.4	191	229	305	132	208	229	318	140	229	229	343	150	249	229	356	160	269	229	381	170
8"	5.3	13	241	229	356	163	259	229	381	173	279	229	394	183	300	229	419	193	320	305	432	203
10"	6.9	16	295	305	406	193	315	305	432	208	335	305	445	218	353	305	470	229	373	305	483	239
12"	13	20	345	305	432	229	366	305	457	239	386	305	483	249	404	305	495	257	424	305	521	267
14"	15	23	376	305	483	244	396	305	508	254	417	305	533	264	437	305	546	305	457	305	572	315
16"	17	27	427	305	546	302	447	305	572	312	467	305	597	323	488	305	610	333	508	305	635	343
18"	19	30	478	305	597	328	498	305	622	338	518	305	648	348	538	305	660	358	559	305	686	368
20"	21	33	528	305	699	356	549	305	724	366	569	305	749	376	589	305	762	386	610	305	787	396
24"	39	40	630	305	851	422	650	305	876	432	671	305	902	442	691	381	914	452	711	381	940	462
30"	49	51	782	381	1003	500	803	381	1029	511	823	381	1054	521	843	381	1067	554	864	381	1092	564
36"	59	61	935	381	1168	599	955	381	1194	610	975	381	1207	620	996	381	1232	630	1016	381	1245	640
42"	69	71	1087	381	1321	678	1107	381	1346	688	1128	381	1359	699	1148	381	1384	709	1168	381	1397	719

Applications & Features:

- Temperature range from -40 Deg C to 650 Deg C
- Higher temperature applications available
- Design loads based on a safety factor of 5
- A36 steel construction
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- E
- Support Length (F)
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

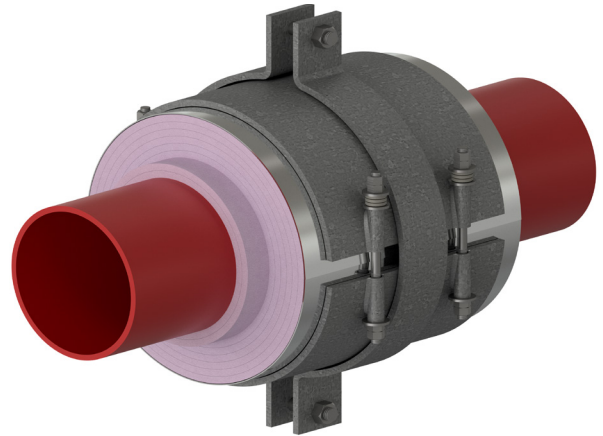
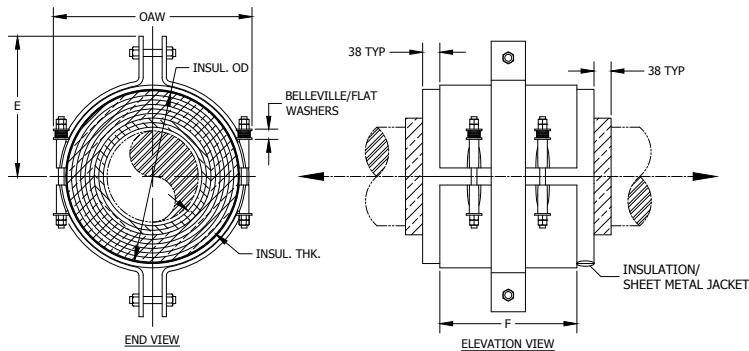
** Information presented on this page subject to change without notice.

HHPW - 8 x 30 - 9 - 7.2 - 1200

Model No. Nominal Pipe Size Insulation Thickness Support Length (F) E (in) Vertical Load

DESIGNATION
EXAMPLE

PyroWrap Hanging Support



NOTES:

1) All dimensions in millimeters unless noted.

NOM PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			60mm				70mm				80mm				90mm				100mm			
			INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																						
1"	0.3	0.8	155	229	229	109	175	229	254	119	196	229	267	130	216	229	279	140	234	229	305	150
1-1/2"	0.4	1.7	170	229	241	117	191	229	267	127	208	229	279	137	229	229	292	147	249	229	318	157
2"	0.6	2.5	180	229	254	122	201	229	267	132	221	229	292	142	241	229	305	152	262	229	330	163
2-1/2"	0.9	3.4	193	229	267	130	213	229	279	140	234	229	305	150	254	229	318	160	274	229	343	170
3"	1.0	4.2	211	229	279	137	231	229	305	147	249	229	318	157	269	229	343	168	290	229	368	178
4"	1.4	6.0	236	229	356	150	257	229	368	160	274	229	394	170	295	229	406	180	315	229	432	191
6"	3.0	9.4	290	229	406	188	310	229	419	198	330	229	445	208	351	229	457	218	368	229	483	226
8"	5.3	13	340	305	457	213	361	305	470	224	381	305	495	234	401	305	521	244	419	305	533	251
10"	6.9	16	394	305	508	249	414	305	521	259	434	305	546	269	455	305	572	279	475	305	584	290
12"	13	20	445	305	533	277	465	305	559	287	485	305	572	297	505	305	597	307	526	305	622	318
14"	15	23	478	305	584	325	498	305	610	335	516	305	622	343	536	305	648	353	556	305	673	363
16"	17	27	528	305	648	353	549	305	673	363	566	305	686	371	587	305	711	381	607	305	737	391
18"	19	30	579	305	699	378	599	305	724	389	617	305	737	396	638	305	762	406	658	305	787	417
20"	21	33	630	305	800	406	650	305	826	427	668	305	838	437	688	305	864	447	709	305	889	457
24"	39	40	732	381	953	472	752	381	978	483	770	381	991	490	790	381	1016	500	810	381	1041	511
30"	49	51	884	381	1105	574	904	381	1130	584	922	381	1143	592	942	381	1168	602	963	381	1194	612
36"	59	61	1036	381	1270	650	1057	381	1295	660	1074	381	1308	668	1095	381	1334	678	1115	381	1346	688
42"	69	71	1189	381	1422	729	1209	381	1448	739	1227	381	1461	747	1247	381	1486	757	1267	381	1499	767

Applications & Features:

- Temperature range from -40 Deg C to 650 Deg C
- Higher temperature applications available
- Design loads based on a safety factor of 5
- A36 steel construction
- See technical specification RHS-750
- Test results available upon request
- Steel finish available in galvanized finish or painted
- Increased loading capability available. Contact Rilco for additional information
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- A307 or A193 B7 plated bolts/studs

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
- E
- Support Length (F)
- Vertical Load
- Movements

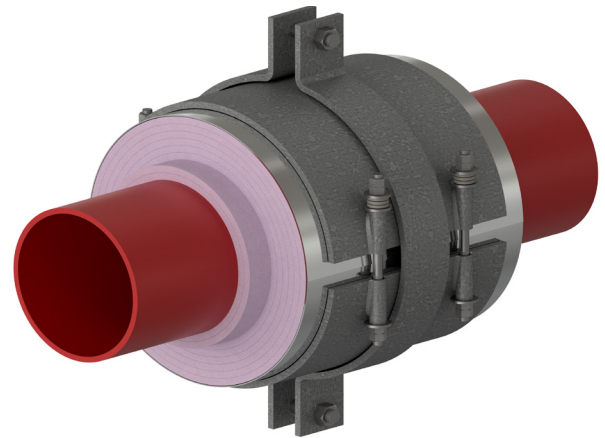
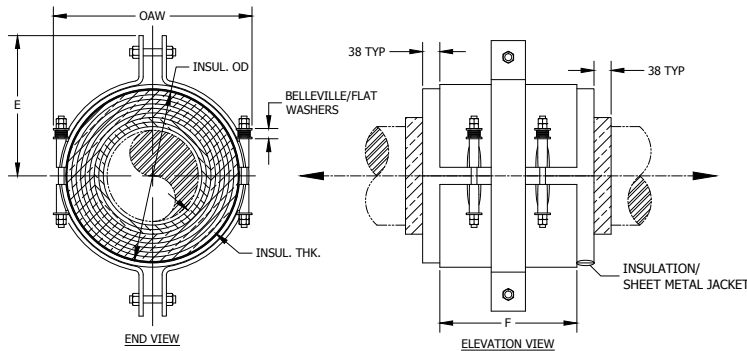
* See page 69 of this catalog for new designation model number construction.

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

HHCW - 8 x 30 - 229 - 5.3

Model No. Nominal Pipe Size Insulation Thickness Support Length (F) Vertical Load (kN)

DESIGNATION
EXAMPLE

PyroWrap Hanging Support

NOTES:

1) All dimensions in millimeters unless noted.

NOM PIPE SIZE	LOW VERT. LOAD (kN)	HIGH VERT. LOAD (kN)	INSULATION THICKNESS																			
			110mm				120mm				130mm				140mm				150mm			
			INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)	INSUL. OD (mm)	F (mm)	OAW (mm)	E (mm)
Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com!																						
1"	0.3	0.8	254	229	318	160	274	229	343	170	295	229	356	180	315	229	381	191	335	229	394	201
1-1/2"	0.4	1.7	269	229	330	168	290	229	356	178	310	229	368	188	330	229	394	198	351	229	406	208
2"	0.6	2.5	282	229	343	173	302	229	368	183	323	229	381	193	340	229	406	203	361	229	419	213
2-1/2"	0.9	3.4	295	229	356	180	315	229	381	191	335	229	394	201	353	229	419	208	373	229	445	218
3"	1.0	4.2	310	229	381	188	330	229	406	198	351	229	419	208	371	229	445	218	391	229	470	229
4"	1.4	6.0	335	229	445	201	356	229	470	211	376	229	495	221	396	229	508	231	417	229	533	241
6"	3.0	9.4	389	229	495	236	409	229	521	246	429	229	546	257	450	229	559	267	470	229	584	277
8"	5.3	13	439	305	559	269	460	305	572	279	480	305	597	290	500	305	610	300	521	305	635	310
10"	6.9	16	495	305	610	300	513	305	622	307	533	305	648	318	554	305	660	328	574	305	686	338
12"	13	20	546	305	635	328	564	305	660	338	584	305	673	348	605	305	699	389	625	305	724	399
14"	15	23	577	305	686	373	597	305	711	384	617	305	724	394	638	305	749	404	658	305	775	414
16"	17	27	627	305	749	401	648	305	775	411	668	305	787	422	688	305	813	432	709	305	838	442
18"	19	30	678	305	800	427	699	305	826	450	719	305	838	460	739	305	864	470	759	305	889	480
20"	21	33	729	305	902	467	749	305	927	478	770	305	940	488	790	305	965	498	810	305	991	508
24"	39	40	831	381	1054	521	851	381	1080	531	871	381	1092	541	892	381	1118	551	912	381	1143	561
30"	49	51	983	381	1207	622	1003	381	1232	632	1024	381	1245	643	1044	381	1270	653	1064	381	1295	663
36"	59	61	1135	381	1372	699	1156	381	1384	709	1176	381	1410	719	1196	381	1435	729	1217	381	1448	739
42"	69	71	1288	381	1524	777	1308	381	1537	787	1328	381	1562	798	1349	381	1588	808	1369	381	1600	818

Applications & Features:

- Temperature range from -40 Deg C to 650 Deg C
- Higher temperature applications available
- Design loads based on a safety factor of 5
- A36 steel construction
- See technical specification RHS-750
- Test results available upon request
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- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
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For special applications or for information on other insulation thicknesses or pipe sizes, please contact us!

Ordering Instructions:

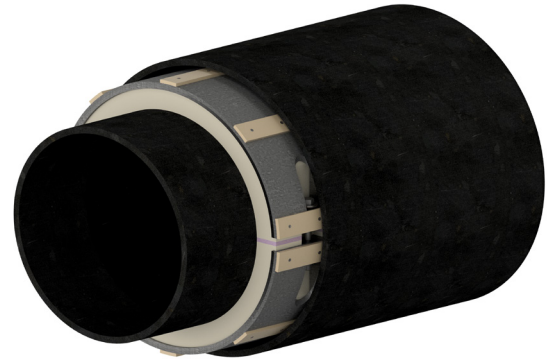
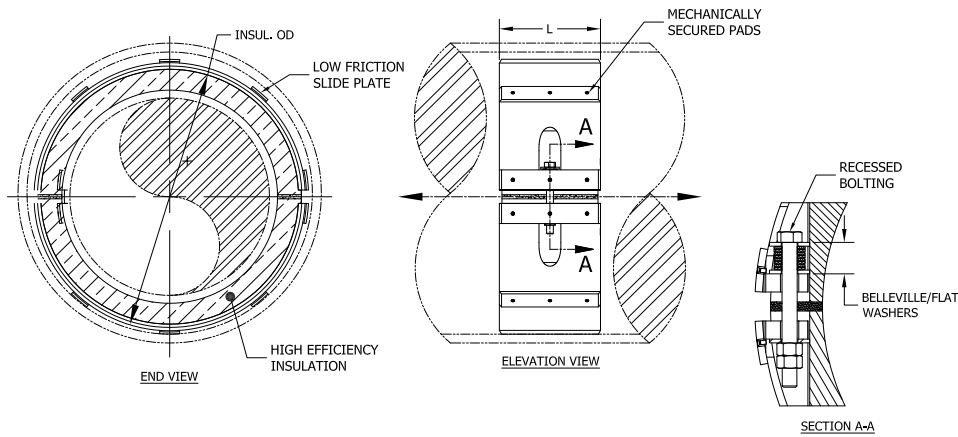
To Order, Please Specify:

- Model Number
- Nominal Pipe Size
- Insulation Thickness
- E
- Support Length (F)
- Vertical Load
- Movements

* See page 69 of this catalog for new designation model number construction.

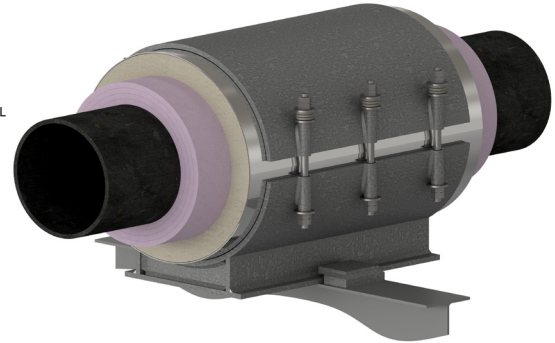
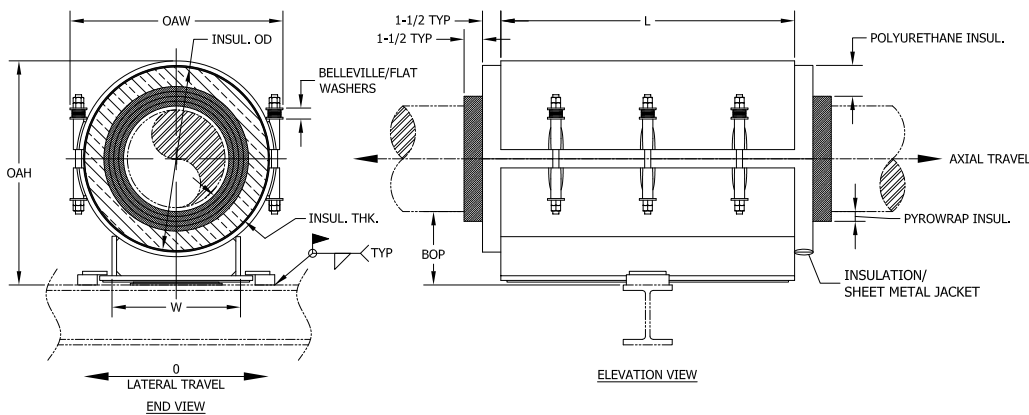
** Information presented on this page subject to change without notice.

NOTES



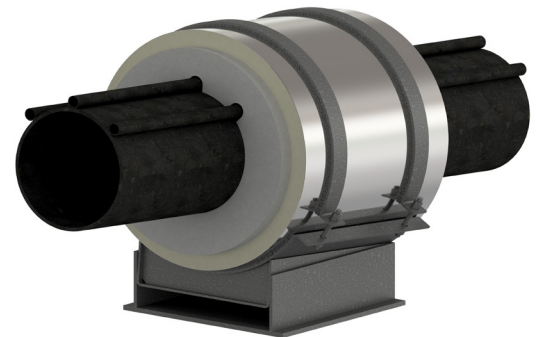
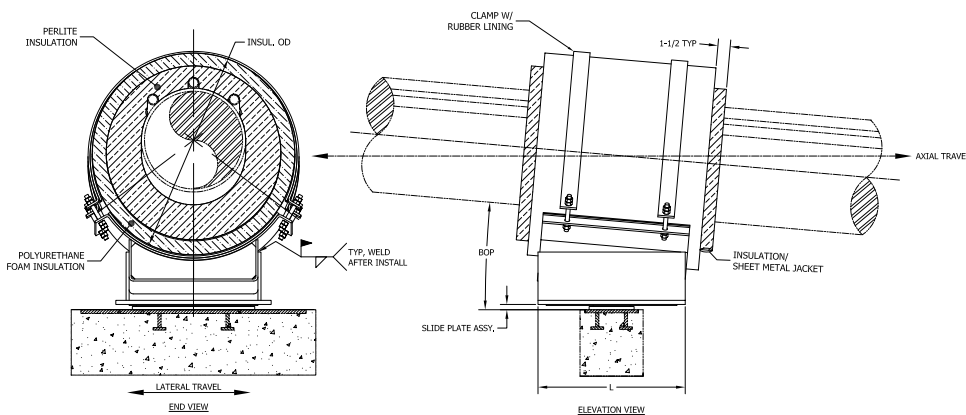
PIPE-IN-PIPE SUPPORT

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



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.

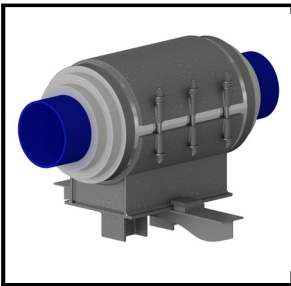
Late Payments-RILCO terms are offered based on timely payment of invoices. RILCO reserves the right to charge a late fee for payments 10 days past terms offered. RILCO reserves the right to hold shipments of goods if an account is past due until account been paid and is current. RILCO reserves the right 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 - 4x1.5-4-12-400-140-250

TEMPERATURE CLASSIFICATION

HOT (H) - (typical range 0°F to 1200°F)

COLD (C) - (typical range -450°F to 200°F)

DUAL TEMP (D) - (typical range -450°F to 1200°F)

FUNCTION

- SLIDE** (S) (for vertically restrained pipe)
i.e. HSCS-3x1.5-4-12-2100
- **SLIDE** (H) (for vertically restrained pipe, high lateral travel)
i.e. HS(H)CS-1x1.5-4-6-225-80
- GUIDE** (G) (for vertically and laterally restrained pipe)
i.e. HGCS-6x1.5-4-6-1275-450
- **GUIDE** (L) (for vertically and laterally restrained pipe, allows uplift of piping)
i.e. HG(L)CS-1x1.5-4-6-225-80
- **GUIDE** (M) (for vertically and laterally restrained pipe, guided at cradle)
i.e. HG(M)CS-1x1.5-4-6-225-80
- ANCHOR** (A) (for vertically, laterally and axially restrained pipe)
i.e. HACS-4x1.5-4-6-840-295-1730
- HANGING** (H) (for vertically restrained pipe)
i.e. HHCS-3x1.5-4-12-2100
- RISER** (V) (for vertically restrained pipe)
i.e. HVCS-3x1.5-4-12-2100
- FLAT** (F) (for vertically restrained pipe)
i.e. HFCS-3x1.5-4-12-2100
- ROLLER** (R) (for vertically restrained pipe)
i.e. HRCS-3x1.5-4-12-2100

INSULATION TYPE

- Calcium Silicate (CS)
- PyroWrap (PW) (Aspen Aerogels Pyrogel® XT-E)
- Polyurethane Foam (PF)
- FOAMGLAS® (FG)
- CryoWrap (CW) (Aspen Aerogels Cryogel® Z)

AXIAL LOAD (lbs)

LATERAL LOAD (lbs)

VERTICAL LOAD (lbs)

STEEL LENGTH (in)

BOP (in)

INSULATION THICKNESS (in)

PIPE SIZE (in)



PRESIDENT'S LETTER

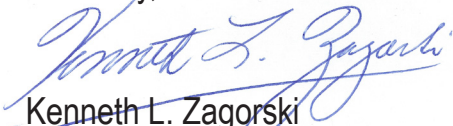
Here at Rilco Manufacturing we have strived to maintain a focus of customer-service within ourselves and inspire this within our employees. We strive to exceed clients' expectations by providing the most reliable information available, upholding our promise of the highest quality products, and consistently 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





RILCO Manufacturing Company, Inc.

12700 Tanner Road

Houston, Texas 77041

(713) 466-4777, Fax (713) 466-6547

Toll Free 1-800-787-8024

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