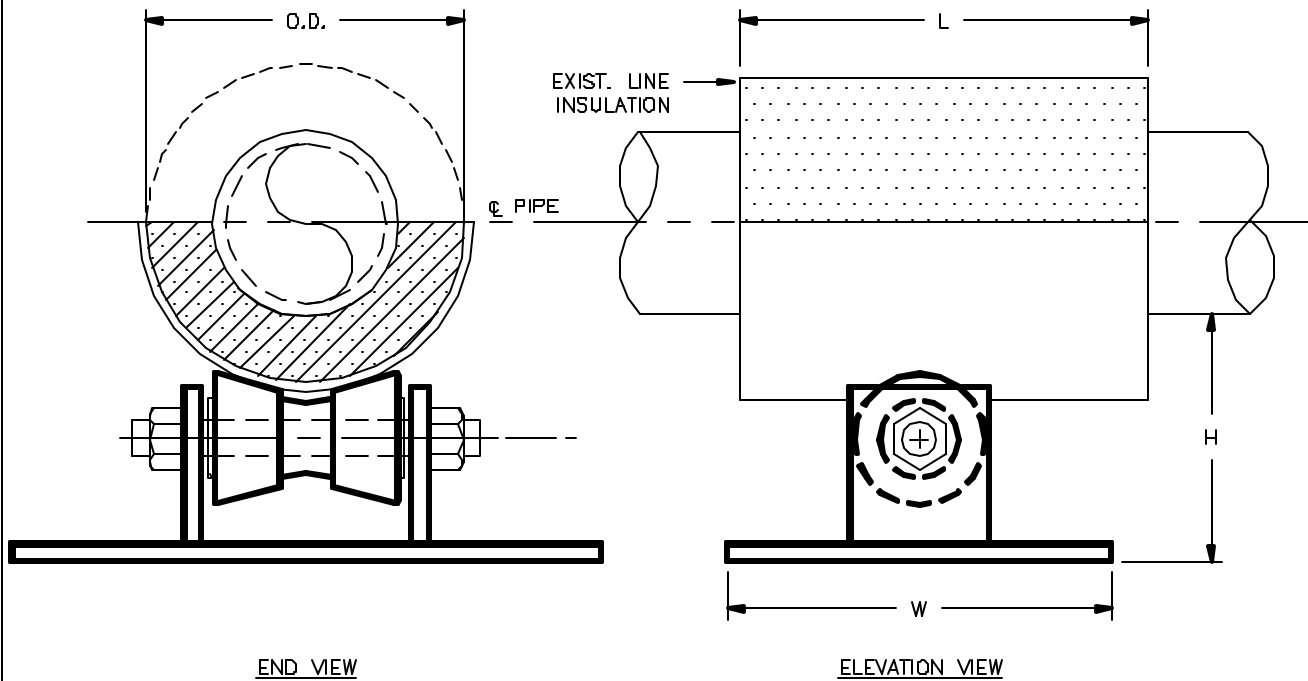


## SPECIFICATIONS

INSULATION THK: \_\_\_\_\_  
 SHOE LENGTH: \_\_\_\_\_  
 LOADS: VERTICAL \_\_\_\_\_  
           LATERAL \_\_\_\_\_  
           AXIAL \_\_\_\_\_  
 TEMPERATURE: \_\_\_\_\_



Design, PT&P 6/2/1999 8:02 AM CS-6040

## NOTES

<p><b>FIGURE#:</b> CS-6040 (CRYOSHOE™)  <b>DESCRIPTION:</b> MISCELLANEOUS SHOES, ROLLER TYPE</p>	
<p><b>FUNCTION:</b> USE TO INSULATE VERTICAL MOVEMENT WHILE ALLOWING AXIAL MOVEMENT                  -                  -                  -                  -</p>	<p><b>CLIENT NAME:</b> _____  <b>PROJECT NAME:</b> _____  <b>REQUISITION#</b> _____                  P.O # _____                  DWG# _____                  MARK#: _____  <b>PT&amp;P JOB#:</b> _____ <b>ITEM#:</b> _____                  DATE: _____</p>
<p><b>PIPE SIZE:</b> 1/2" TO 42" NPS.  <b>MATERIAL:</b> GALVANIZED OR HDG CARBON STEEL  <b>INSULATION:</b> HIGH DENSITY POLYURETHANE WITH VAPOR BARRIER  <b>TEMP. RANGE:</b> AMBIENT TO -300°F  <b>LAYERING SY.:</b> SEE LAYERING CHARTS  <b>SHOE LTH.(L):</b> STANDARD SHOE AVAILABLE IN 12" &amp; 18" LENGTHS</p>	<p><b>PIPING TECHNOLOGY &amp; PRODUCTS, INC.</b></p> <p>P.O. BOX 34506      HOUSTON TEXAS 77234                  3701 HOLMES RD.      HOUSTON TEXAS 77051                  TELE#:(713)731-0030      FAX#:(713)731-8640                  http://www.pipingtech.com/      E-MAIL: info@pipingtech.com</p>
<p><b>TO ORDER:</b> SPECIFY PIPE SIZE, INSULATION THK., LENGTH HENCE (CS-6040)-NPS-THK.-L  <b>LOADS</b> ALL LOADS ON ADJACENT CHART HAVE A SAFETY FACTOR OF 5</p>	



Manufactured Coldshoe being inspected for proper fit

Pipe size	L=12"		L=18"		Insulation thickness											
	Vertical Load(lbs)	Vertical Load(lbs)	1"		1-1/2"		2"		2-1/2"		3"		3-1/2"		4"	
			O.D.	H	O.D.	H	O.D.	H	O.D.	H	O.D.	H	O.D.	H	O.D.	H
1/2"	162	232	3-1/8"	4"	4-1/4"	4"	5-1/4"	4"	6-7/8"	4"	7-7/8"	6"	8-7/8"	6"	9-7/8"	6"
3/4"	203	290	3-1/8"	4"	4-1/4"	4"	5-1/4"	4"	6-7/8"	4"	7-7/8"	6"	8-7/8"	6"	9-7/8"	6"
1"	254	363	3-3/4"	4"	4-3/4"	4"	5-13/16"	4"	6-7/8"	4"	7-7/8"	6"	8-7/8"	6"	9-7/8"	6"
1-1/4"	321	459	3-3/4"	4"	5-1/4"	4"	5-13/16"	4"	6-7/8"	4"	7-7/8"	6"	8-7/8"	6"	9-7/8"	6"
1-1/2"	368	525	4-1/4"	4"	5-1/4"	4"	6-7/8"	4"	7-7/8"	4"	8-7/8"	6"	9-7/8"	6"	11"	6"
2"	459	656	5"	4"	6-1/16"	4"	7-1/4"	4"	8-1/8"	4"	9-1/8"	6"	10-1/8"	6"	11-1/4"	6"
2-1/2"	556	794	5-1/2"	4"	7-1/8"	4"	8-1/8"	4"	9-1/8"	4"	10-1/8"	6"	11-1/4"	6"	12-1/4"	6"
3"	677	967	6-1/16"	4"	7-1/8"	4"	8-1/8"	4"	9-1/8"	4"	10-1/8"	6"	11-1/4"	6"	12-1/4"	6"
3-1/2"	774	1105	7-1/8"	4"	8-1/8"	4"	9-1/8"	4"	10-1/8"	4"	11-1/4"	6"	12-1/4"	6"	13-1/4"	6"
4"	870	1243	7-1/8"	4"	8-1/8"	4"	9-1/8"	4"	10-1/8"	4"	11-1/4"	6"	12-1/4"	6"	13-1/4"	6"
5"	1076	1537	8-1/8"	4"	9-1/8"	4"	10-1/8"	4"	11-1/4"	4"	12-1/4"	6"	13-1/4"	6"	14-1/2"	6"
6"	1281	1831	9-15/16"	4"	10-3/8"	4"	11-1/2"	4"	12-1/2"	4"	13-1/2"	6"	14-3/4"	6"	15-3/4"	6"
8"	1668	3575	11-1/2"	4"	12-1/2"	4"	13-1/2"	4"	14-3/4"	6"	15-3/4"	6"	16-3/4"	6"	17-3/4"	6"
10"	3119	4456	13-1/2"	4"	14-3/4"	4"	15-3/4"	4"	16-3/4"	6"	17-3/4"	6"	18-3/4"	6"	19-3/4"	6"
12"	3699	5285	13-15/16"	4"	16-3/4"	4"	17-3/4"	4"	18-3/4"	6"	19-3/4"	6"	20-3/4"	6"	21-3/4"	6"
14"	4062	5803	17"	4"	18"	4"	19"	4"	20"	6"	21"	6"	22"	6"	23"	6"
16"	4642	11053	19"	4"	20"	4"	21"	6"	22"	6"	23"	6"	24"	6"	25"	6"
18"	8704	12434	21"	4"	22"	4"	23"	6"	24"	6"	25"	6"	26"	6"	27"	6"
20"	9671	13816	23"	4"	24"	4"	25"	6"	26"	6"	27"	6"	28"	6"	29"	6"
24"	11605	16579	27"	4"	28"	4"	29"	6"	30"	6"	31"	6"	32"	6"	33"	6"
26"	12573	17961	29-1/2"	4"	30-1/2"	6"	31-1/2"	6"	32-1/2"	6"	33-1/2"	6"	34-1/2"	6"	35-1/2"	6"
28"	13540	19342	31-1/2"	4"	32-1/2"	6"	33-1/2"	6"	34-1/2"	6"	35-1/2"	6"	36-1/2"	6"	37-1/2"	6"
30"	14507	20724	33-1/2"	4"	34-1/2"	6"	35-1/2"	6"	36-1/2"	6"	37-1/2"	6"	38-1/2"	6"	39-1/2"	6"
32"	15474	22106	35-1/2"	4"	36-1/2"	6"	37-1/2"	6"	38-1/2"	6"	39-1/2"	6"	40-1/2"	6"	41-1/2"	6"
34"	16441	23487	37-1/2"	4"	38-1/2"	6"	39-1/2"	6"	40-1/2"	6"	41-1/2"	6"	42-1/2"	6"	43-1/2"	6"
36"	17408	24869	39-1/2"	4"	40-1/2"	6"	41-1/2"	6"	42-1/2"	6"	43-1/2"	6"	44-1/2"	6"	45-1/2"	6"
40"	19342	27632	43-1/2"	4"	44-1/2"	6"	45-1/2"	6"	46-1/2"	6"	47-1/2"	6"	48-1/2"	6"	49-1/2"	6"
42"	20310	29014	45-1/2"	4"	46-1/2"	6"	47-1/2"	6"	48-1/2"	6"	49-1/2"	6"	50-1/2"	6"	51-1/2"	6"