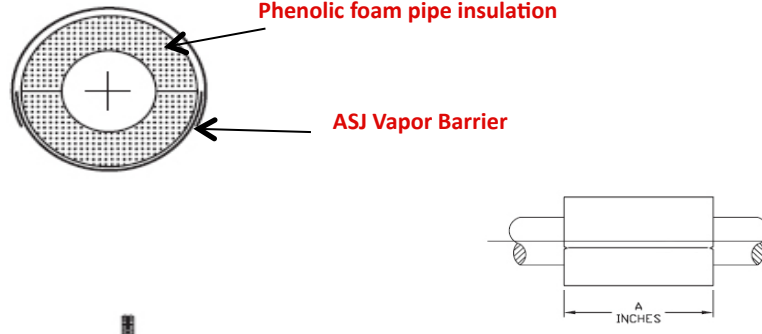


**Product Data Sheet**

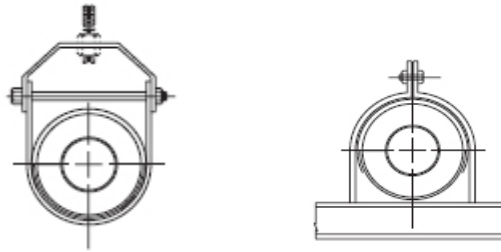
**Phenolic Inserts  
w/ ASJ Vapor Barrier**



**Design Data**  
 Temperature Range: Zero to 220 F  
 Insulation: Goot/Tenlead Phenolic  
 1/2" to 2.5" pipe 3# (35+ compressive strength)  
 3" to 6" pipe 5# (80+ compressive strength)  
 8" to 12" pipe 7# (160+ compressive strength)  
 Jackets: ASJ (All Service Jacket) .02 Perm  
 Glue: 3M Fastbond 49 (water based adhesive)  
*R Value per 1" thicknes = 6*  
*K Factor @ 75 F= .15*



**TPS recommends the following insert lengths & saddle gauges. All inserts and saddles are custom made to meet the varied mechanical engineers specifications.**



**CLEVIS HANGER**

**FLAT SURFACE**

**STEEL SADDLES SOLD SEPARATELY**

Intended for installation on flat surfaces or clevis pipe hangers

**25/50 Rated Flame/Smoke Plenum Rated**

Pipe Size	Maximum Load Ratings (lbs)		A = Phenolic Foam Density B = Recommended Gauge of Steel Saddle												Copper Tubing Size OD
	On Flat Surface	In Clevis Hanger	1/2		1		1 1/2		2		2 1/2		3		
			A	B	A	B	A	B	A	B	A	B	A	B	
5/8	50	70	3#	24	3#	24	3#	24	3#	24	3#	24	3#	24	5/8
1/2	50	70	3#	24	3#	24	3#	24	3#	24	3#	24	3#	24	7/8
3/4	50	70	3#	24	3#	24	3#	24	3#	24	3#	24	3#	24	1 1/8
1	75	100	3#	24	3#	24	3#	24	3#	24	3#	24	3#	24	1 3/8
1 1/4	80	110	3#	20	3#	20	3#	20	3#	20	3#	20	3#	20	1 5/8
1 1/2	100	150	3#	20	3#	20	3#	20	3#	20	3#	20	3#	20	2 1/8
2	165	190	3#	20	3#	20	3#	20	3#	20	3#	20	3#	20	2 5/8
2 1/2	175	275	3#	18	3#	18	3#	18	3#	18	3#	18	3#	18	3 1/8
3	200	300	5#	18	5#	18	5#	18	5#	18	5#	18	5#	18	3 5/8
3 1/2	225	325	5#	18	5#	18	5#	18	5#	18	5#	18	5#	18	4 1/8
4	300	425	5#	18	5#	18	5#	18	5#	18	5#	18	5#	18	5 1/8
5	400	575	5#	16	5#	16	5#	16	5#	16	5#	16	5#	16	6 1/8
6	525	750	5#	16	5#	16	5#	16	5#	16	5#	16	5#	16	
8	880	1100	7#	14	7#	14	7#	14	7#	14	7#	14	7#	14	
10	1100	1400	7#	14	7#	14	7#	14	7#	14	7#	14	7#	14	
12	1500	1900	7#	12	7#	12	7#	12	7#	12	7#	12	7#	12	

The load ratings represent average values obtained in accordance with accepted methods and are subject to normal manufacturing variations  
 - Load ratings based on 12" length up to 6" pipe size & 18" length on 8" pipe and above -

**For Use On:** Chilled Water - Domestic Cold - Domestic Hot - Hot Water Heating - Rain Water - Condensate

**Design Features**

Compact - Easy Installation - Minimizes Heat-loss and/or Condensation

**Contact Information: 425-330-3765 Fax 360-925-3400 www.thermalpipeshields.com**