

Product Data Sheet

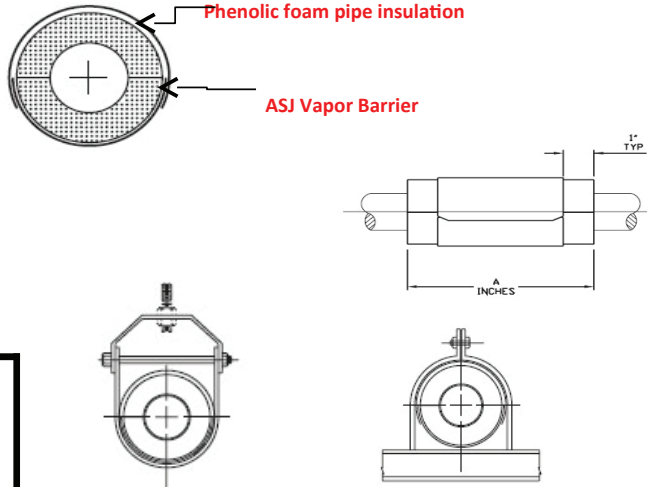
Phenolic Inserts w/ ASJ Vapor Barrier



Design Data

Temperature Range: Zero to 220 F
 Insulation: Phenolic Foam-ASTM C-1126 Tpye III
 3 lb density (35 psi) on 1/2" to 2.5" pipe
 5 lb density (75 psi) on 3" to 6" pipe at load point
 7 lb density (120 psi) on 8" to 12" pipe at load point
 Vapor Barrier: ASJ (All Service Jacket) .02 Perm
 & ASTM C1136
 Glue: 3M Fastbond 49 (water based adhesive)

R Value per 1" thicknes = 6
K Factor @ 75 F= .15



TPS recommends the following saddle gauges in the chart below.
 Inserts are typically 9", 12" or 18" long
 All inserts and saddles are custom made to meet the varied mechanical engineers speciafications.

STEEL SADDLES SOLD SEPARATELY

CLEVIS HANGER

FLAT SURFACE

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	3#	24	5/8
1/2	50	70	3#	24	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	3#	24	1 1/8
1	75	100	3#	24	3#	24	3#	24	3#	24	3#	24	3#	24	3#	24	1 3/8
1 1/4	80	110	3#	22	3#	22	3#	22	3#	22	3#	22	3#	22	3#	22	1 5/8
1 1/2	100	150	3#	22	3#	22	3#	22	3#	22	3#	22	3#	22	3#	22	2 1/8
2	165	190	3#	22	3#	22	3#	22	3#	22	3#	22	3#	22	3#	22	2 5/8
2 1/2	175	275	3#	20	3#	20	3#	20	3#	20	3#	20	3#	20	3#	20	3 1/8
3	200	300	5#	20	5#	20	5#	20	5#	20	5#	20	5#	20	5#	20	3 5/8
3 1/2	225	325	5#	20	5#	20	5#	20	5#	20	5#	20	5#	20	5#	20	4 1/8
4	300	425	5#	18	5#	18	5#	18	5#	18	5#	18	5#	18	5#	18	5 1/8
5	400	575	5#	18	5#	18	5#	18	5#	18	5#	18	5#	18	5#	18	6 1/8
6	525	750	5#	16	5#	16	5#	16	5#	16	5#	16	5#	16	5#	16	
8	880	1100	7#	16	7#	16	7#	16	7#	16	7#	16	7#	16	7#	16	
10	1100	1400	7#	16	7#	16	7#	16	7#	16	7#	16	7#	16	7#	16	
12	1500	1900	7#	16	7#	16	7#	16	7#	16	7#	16	7#	16	7#	16	

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

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