

Phenolic Shield Fig. PhenShield



Material Specifications

- Bottom of unit constructed of 150 PSI phenolic foam.
- Top of unit constructed of 25 PSI phenolic foam.
- Adhesive complying with NFPA 90-A and ASTM E-84
- Flame Spread/ Smoke < 25/50
- G-90 Galvanized steel shield, small check per ASTM A-653 (replaces A-527).
- Vapor Barrier of all service jacket meeting ASTM D-774, D-828 and E-84.
- All units and components are asbestos free and 100% made and assembled in the U.S.A.

Description / Features

For use in a wide variety of hanger styles. High compressive strength bottom 180 degree insulation. Cost effective top 180 degree insulation.

Applications

- For indoor use on most hanger systems Systems operating between -250°F and 300°F
- Hanger spans up to 10 feet
- Available for pipes 1/2 inch through 12 inches.
- Insulation thickness 1 inch through 4 inches.

Allowable Loads

	Clevis/ Clamp	Flat Surface		Clevis/ Clamp	Flat Surface
	Lbs.	Lbs.		Lbs.	Lbs.
1/2" Pipe	200	120	3" Pipe	840	500
3/4" Pipe	250	150	4" Pipe	1090	650
1" Pipe	310	190	5" Pipe	1345	800
1 1/4" Pipe	400	240	6" Pipe	1600	960
1 1/2" Pipe	460	270	8" Pipe	2090	1250
2" Pipe	570	340	10" Pipe	2600	1550
2 1/2" Pipe	690	410	12" Pipe	3090	1850

Dimensions

	1/2" - 5"	6" - 12"
	In./mm	In./mm
Insulation Length	12 300	12 300
Shield Length	9 225	9 225
Shield Gauge	22 ga.	18 ga.



PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	