

Industrial Chill-Shield Thermal Hanger Shield Fig. IndChillShield



Material Specifications

- Polyisocyanurate, 140 PSI (Trymer 6000) Meeting ASTM C-591 (Grade 2, Type VI) C-203, C-518, C-585, C-795, D-1621, D-1622, D-1623, and E-84, Flame Spread / Smoke Developed 25/450.
- High Compressive Strength Inserts, 10 PCF minimum (Corafom U100), Standard For Pipe 10" and Larger, Meeting ASTM C-585, and C-795.
- Polypropylene Vapor Barrier Jacket Meeting ASTM D-744, C-1136, and E-84, Flame Spread -0-, Smoke Developed -40-.
- Adhesive Complying to NFPA 90-A and ASTM E-84, Flame Spread -10-, Smoke Developed -0-.
- Galvanized Steel Shields, G-90 Small Check per ASTM A-653 (replaces A-527).
- 100% American-Made Components and Construction.
- Asbestos-Free Materials.
- Applicable for temperature range from -250° to 300° F.

Description

Industrial Chill-Shields are 360° thermal hanger shields designed to meet a broad range of pipe support applications on low temperature lines. They provide a continuous section of high compressive strength insulation and factory applied jacketing meeting ASTM E 96A (maximum 0.02 perm), and are designed for pipe systems operating between -250° F and +225° F. The insulation and jacketing extend beyond the galvanized steel shield for a neat, joint with the adjoining insulation. Industrial Chill-Shields are suitable for use in any type of clamp as well as in band-type hangers. 140 PSI polyisocyanurate inserts and heavy gauge steel shields ensure proper pipe support.



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

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Dimensions

	½" to 1-½"	2" to 4"	5" to 6"	8"	10" to 24"
Insulation Length	6" 150 mm	6" 150 mm	9" 230 mm	9" 230 mm	12" 300 mm
Insulation Length	4" 100 mm	4" 100 mm	6" 150 mm	6" 150 mm	10" 250 mm
Shield Gauge	22 ga. 1.0 mm	18 ga. 1.3 mm	16 ga. 1.6 mm	16 ga. 1.6 mm	14 ga. 2.0 mm
Compressive Strength	140 PSI	140 PSI	140 PSI	140 PSI	PIF: PSI 140 PUF: Min 280 PSI

Allowable Loads – Recommended Spans

Pipe Size	Clevis	Trapeze	Pipe Size	Clevis	Trapeze	Pipe Size	Clevis	Trapeze
3" Pipe	300 lbs.	165 lbs.	10" Pipe	1160 lbs.	830 lbs.	18" Pipe	3300 lbs.	Call Factory
	10 ft. (3 m)	10 ft. (3 m)		10 ft. (3 m)	10 ft. (3 m)		10 ft. (3 m)	Call Factory
4" Pipe	380 lbs.	170 lbs.	12" Pipe	1400 lbs.	1174 lbs.	20" Pipe	4000 lbs.	Call Factory
	10 ft. (3 m)	10 ft. (3 m)		10 ft. (3 m)	10 ft. (3 m)		10 ft. (3 m)	Call Factory
6" Pipe	605 lbs.	330 lbs.	14" Pipe	1800 lbs.	Call Factory	22" Pipe	4750 lbs.	Call Factory
	10 ft. (3 m)	10 ft. (3 m)		10 ft. (3 m)	Call Factory		10 ft. (3 m)	Call Factory
8" Pipe	800 lbs.	510 lbs.	16" Pipe	2600 lbs.	Call Factory	24" Pipe	6175 lbs.	Call Factory
	10 ft. (3 m)	10 ft. (3 m)		10 ft. (3 m)	Call Factory		10 ft. (3 m)	Call Factory



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