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# Chill-Shield



## DIMENSIONS

	5/8" Tube To 1-1/2 pipe"	2-1/8" Tube To 1/8" Tube	3" Pipe	4-1/8" Tube	4" Pipe	5-1/8" Tube	5" Pipe	6-1/8" Tube	6" & 8" Pipe 8-1/8" Tube	10" to 24" Pipe
<b>Insulation Length</b>	6"	6"	6"	6"	6"	6"	6"	9"	9"	Call Sales
<b>Shield Length</b>	4"	4"	4"	4"	4"	4"	4"	6"	6"	
<b>Shield Gauge</b>	22 ga.	20 ga.	20 ga.	20 ga.	20 ga.	20 ga.	20 ga.	16 ga.	16 ga.	
<b>Compressive Strength</b>	24 PSI	24 PSI	40 PSI	24 PSI	40 PSI	24 PSI	40 PSI	24 PSI	40 PSI	

## ALLOWABLE LOADS - MSS RECOMMENDED SPANS\*

TUBE

Load/Span	Water Svc.	Load/Span	Water Svc.	Load/Span	Water Svc.
5/8" Tube	16.4 # / 5 ft.* #/ft - .51	1-5/8" Tube	42.5 # / 7 ft.* #/ft - 1.91	4-1/8" Tube	108 # / 10 ft. #/ft - 10.1
7/8" Tube	22.9 # / 5 ft.* #/ft - .66	2-1/8" Tube	55.6 # / 8 ft.* #/ft - 3.1	5-1/8" Tube	134.2 # / 10 ft. #/ft - 15.7
1-1/8" Tube	29.5 # / 6 ft.* #/ft - 1.01	2-5/8" Tube	68.7 # / 8 ft.* #/ft - 4.6	6-1/8" Tube	240.5 # / 10 ft. #/ft - 21.8
1-3/8" Tube	36 # / 7 ft.* #/ft - 1.43	3-1/8" Tube	81.8 # / 9 ft.* #/ft - 6.3	8-1/8" Tube	510.5 # / 10 ft. #/ft - 39.5

## PIPE

Load/Span	Water Svc.	Load/Span	Water Svc.	Load/Span	Water Svc.	10" to 24"
1/2"	22 # / 7 ft.* #/ft - .98	1-1/2"	49.7 # / 9 ft.* #/ft - 3.6	4"	188.5 # / 10 ft. #/ft - 16.3	Call Sales
3/4"	27.5 # / 7 ft.* #/ft - 1.36	2"	62.2 # / 10 ft. #/ft - 5.1	5"	233 # / 10 ft. #/ft - 23.3	
1"	34.4 # / 7 ft.* #/ft - 2.1	2-1/2"	120.4 # / 10 ft. #/ft - 7.9	6"	416.3 # / 10 ft. #/ft - 31.5	
1-1/4"	43.5 # / 7 ft.* #/ft - 2.9	3"	146.6 # / 10 ft. #/ft - 10.8	8"	542 # / 10 ft. #/ft - 50.3	

\* Designates MSS Maximum Span

## MATERIAL SPECIFICATIONS

- Polyisocyanurate, 24 to 40 PSI Meeting ASTM C-203, C-518, C-585, C-795, D-1621, D-1622, D-1623, and E-84. Flame Spread/Smoke Developed - 25/450.
- Insert material on 10" pipe and larger will have compressive strength to match design requirements
- Polypropylene Vapor Barrier Meeting ASTM D-744, C-1136, and E-84, Flame Spread -0-, Smoke Developed -40-.
- Non-Flammable, Water Based Adhesive Complying to NFPA 90-A.
- Galvanized Steel Shields, G-90 Small Check per ASTM A-653 (replaces A-527).
- 100% American-Made Components and Construction.
- Asbestos-Free Materials.

### Submitted For Approval Per:

Division: \_\_\_\_\_, Section: \_\_\_\_\_, Para: \_\_\_\_\_

Project: \_\_\_\_\_

Engineer: \_\_\_\_\_

### NOTES

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_