



Value Engineered Products

[www.valueng.com](http://www.valueng.com)

# Pro-Shield

Phone:

303-715-9990

[sales@valueng.com](mailto:sales@valueng.com)



## DIMENSIONS

Insulation Length	1/2" To 1-1/2"	2" To 5"	6" To 8"	10" To 12"	14" To 24"
	6" 150 mm	6" 150 mm	9" 230 mm	9" 230 mm	12" 300 mm
Shield Length	4" 100 mm	4" 100 mm	6" 150 mm	6" 150 mm	10" 250 mm
Shield Gauge	22 ga. 0.9 mm	20 ga. 1.0 mm	16 ga. 1.6 mm	14 ga. 2.0 mm	12 ga. 2.8 mm
Compressive Strength	100 PSI	100 PSI	100 PSI	Cal Sil 100 PSI Insert 450 PSI	Cal Sil 100 PSI Insert 450 PSI

## ALLOWABLE LOADS - RECOMMENDED SPANS

Pipe Size	Insulation Type		Pipe Size	Insulation Type		Pipe Size	Insulation Type	
	Clevis	Trapeze		Clevis	Trapeze		Clevis	Trapeze
2-1/2" Pipe	275 lbs.	145 lbs.	10" Pipe	1160 lbs.	830 lbs.	18" Pipe	3300 lbs.	See MaxSpan
	10 ft. (3 m)	10 ft. (3 m)		10 ft. (3 m)	10 ft. (3 m)		10 ft. (3 m)	R.H.
4" Pipe	380 lbs.	170 lbs.	12" Pipe	1400 lbs.	1175 lbs.	20" Pipe	4000 lbs.	See MaxSpan
	10 ft. (3 m)	10 ft. (3 m)		10 ft. (3 m)	10 ft. (3 m)		10 ft. (3 m)	R.H.
6" Pipe	605 lbs.	330 lbs.	14" Pipe	1800 lbs.	1250 lbs.	22" Pipe	4750 lbs.	See MaxSpan
	10 ft. (3 m)	10 ft. (3 m)		10 ft. (3 m)	10 ft. (3 m)		10 ft. (3 m)	R.H.
8" Pipe	800 lbs.	510 lbs.	16" Pipe	2600 lbs.	See MaxSpan	24" Pipe	6175 lbs.	See MaxSpan
	10 ft. (3 m)	10 ft. (3 m)		10 ft. (3 m)	R.H.		10 ft. (3 m)	R.H.

## MATERIAL SPECIFICATIONS

- Calcium Silicate, 100 PSI Meeting ASTM C-533 Type 1, C-585, C-795 and E-84, Flame Spread -0-, Smoke Developed -0-.
- High Compressive Strength Inserts, 450 PSI, Standard For Pipe 12" and Larger, Meeting ASTM C-656 Type II Grade 5, C-585, C-795, E-72, and E-84, Flame Spread -0-, Smoke Developed -0-.
- Vapor Barrier Jacket of Non-Reactive Polyester Meeting ASTM D-744, D-828, C 1136, E 96 and e 84  
Flame Spread -5-, Smoke Developed -5-.
- 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.
- Unit Tested to ASTM E-84. Rated Flame Spread -5-, Smoke Developed -5-.

### Submitted For Approval Per:

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

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

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

### Notes:

\_\_\_\_\_

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

Approved By: \_\_\_\_\_