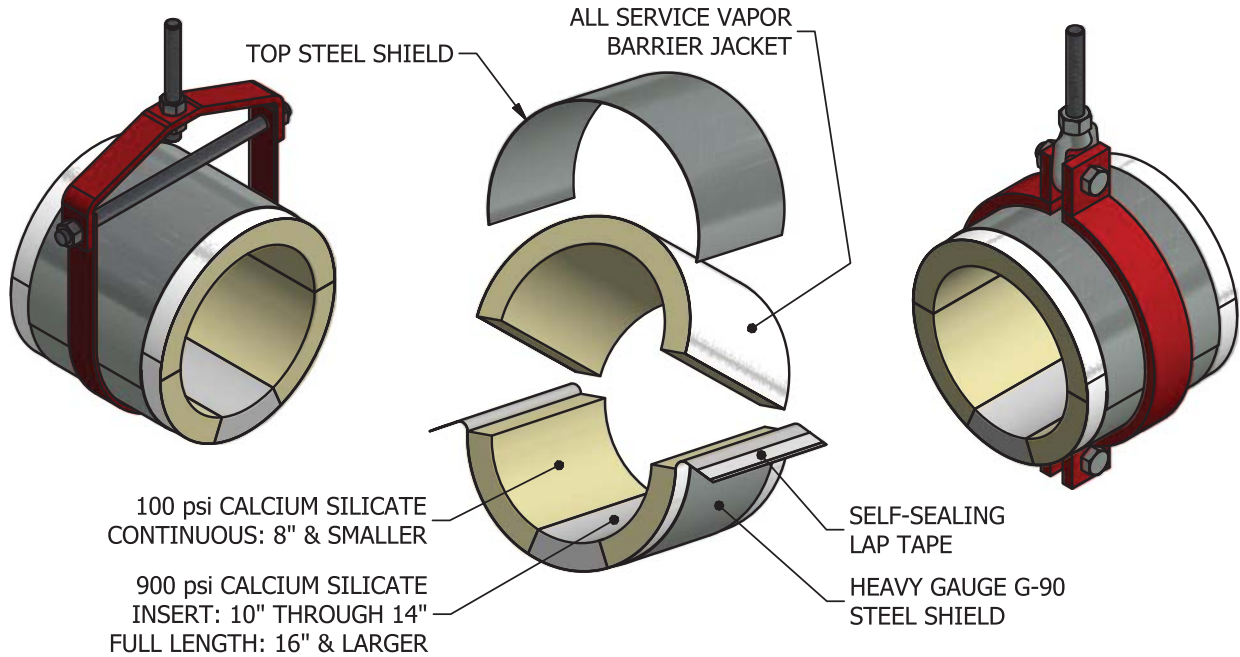




Maxspan



Description / Features

MaxSpan thermal hanger shield is specifically designed to provide a superior safety margin when supporting pipe with hanger spans up to the maximum allowed in Table 4 of MSS SP-58 in clevis or clamp hangers. These 360° thermal hanger shields provide a continuous section of insulation and zero permeability vapor barrier through the hanger and can be used on piping systems operating between +20°F and +1200°F. The insulation and vapor barrier extend beyond the galvanized steel shield for a neat, vapor-tight joint with the adjoining insulation. To achieve the protection required by long hanger spans, the MaxSpan thermal hanger shields utilize heavier gauge shields, and 900 psi compressive strength structural inserts (10" pipe and larger). The MaxSpan meets or exceeds the MSS standard for Type 40 shields per MSS SP 58, Paragraph 7.6.

Applications

- For use on all band and clamping hanger systems.
- Chilled to steam piping and dual temperature lines.
- Hanger spans per MSS SP-58 Table 4 in clevis or two-bolt clamp hangers.
- Available for pipe 1/2" through 24", insulation thickness 1/2" through 4".

Materials / Construction

- 100 psi compressive strength calcium silicate meeting ASTM C-533 Type I, C-585, C-795, E-84 Flame Spread/Smoke Developed: 0/0, Thermal Conductivity = 0.39 Btu•in/(hr•ft²•°F) @ 200°F.
- Adhesive complying to NFPA 90-A and ASTM E-84 Flame Spread/Smoke Developed: 5/0.
- G-90 Galvanized steel shield, small check per ASTM A-653 (replaces A-527).
- Zero permeability vapor barrier of all service jacket meeting ASTM D-774, D-828 and E-84, Flame Spread/Smoke Developed: 10/20.
- Structural insert (10" pipe and larger) of 900 psi compressive strength calcium silicate per ASTM C-656 Type II Grade 6.
- All units and components are asbestos free and 100% made and assembled in the U.S.A.

DIMENSIONS

PIPE SIZE	1/2" TO 1 1/2"	2" TO 3"	4" TO 8"	10" TO 12"	14" TO 24"
INSULATION LENGTH - in.	See Pro-Shield	9	9	12	14
SHIELD LENGTH - in.	See Pro-Shield	6	6	9	12
SHIELD GAUGE	See Pro-Shield	16	14	14	12
COMPRESSIVE STRENGTH - psi	See Pro-Shield	100	100	100 / 900	100 / 900

ALLOWABLE LOADS / RECOMMENDED SPANS

PIPE SIZE	1/2"	1"	1 1/2"	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
CLEVIS	80 lbf	130 lbf	185 lbf	275 lbf	375 lbf	405 lbf	1015 lbf	1555 lbf	2450 lbf	3480 lbf	4770 lbf	8050 lbf	9025 lbf	9550 lbf	15500 lbf
	7 ft.	7 ft.	9 ft.	10 ft.	12 ft.	14 ft.	17 ft.	19 ft.	22 ft.	23 ft.	25 ft.	27 ft.	28 ft.	30 ft.	32 ft.
TWO BOLT	40 lbf	60 lbf	85 lbf	300 lbf	375 lbf	405 lbf	1070 lbf	1625 lbf	2575 lbf	3550 lbf	4820 lbf	8250 lbf	9505 lbf	10550 lbf	17350 lbf
	7 ft.	7 ft.	9 ft.	10 ft.	12 ft.	14 ft.	17 ft.	19 ft.	22 ft.	23 ft.	25 ft.	27 ft.	28 ft.	30 ft.	32 ft.