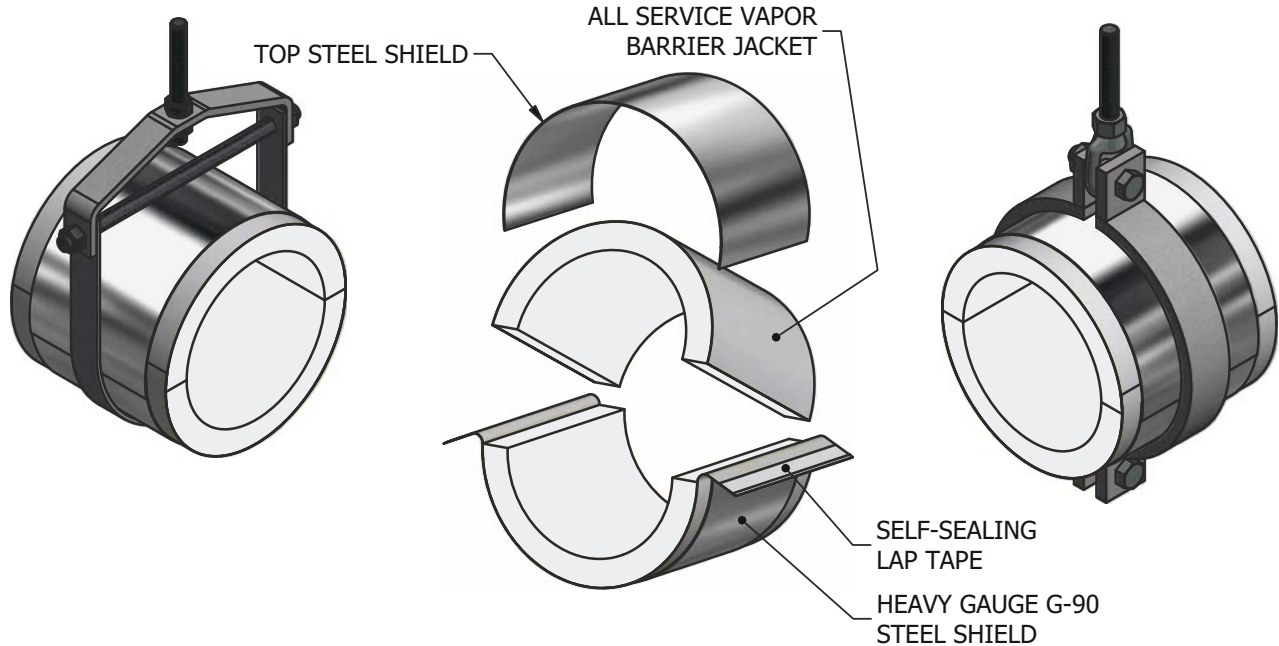




Maxspan



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. The Maxspan meets or exceeds the MSS standard for Type 40 shields per MSS SP 58.

Applications

- For use on clamping support systems, stands, clevis or other band-type hangers.
- Chilled to steam piping and dual temperature lines.
- Hanger spans per MSS SP-58 Table 4.
- 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.
- 450 psi compressive strength calcium silicate meeting ASTM C-656, Type II, Grade 5.
- 900 psi compressive strength calcium silicate meeting ASTM C-656, Type II, Grade 6.
- 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.
- All units and components are asbestos free and 100% made and assembled in the U.S.A.

DIMENSIONS

PIPE SIZE	1/2" TO 2"	2 1/2" TO 3"	4" TO 8"	10" TO 18"	20" TO 24"
INSULATION LENGTH - in.	6	9	9	9	9
SHIELD LENGTH - in.	4	6	6	6	6
SHIELD GAUGE	22	18	14	14	14
COMPRESSIVE STRENGTH, PSI	100	100	100	100/450	900

ALLOWABLE LOADS / RECOMMENDED SPANS

PIPE SIZE	1/2"	1"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
CLEVIS	80 lbf 7 ft.	130 lbf 7 ft.	185 lbf 9 ft.	275 lbf 10 ft.	325 lbf 11 ft.	375 lbf 12 ft.	405 lbf 14 ft.	1015 lbf 17 ft.	1555 lbf 19 ft.	2450 lbf 22 ft.	3480 lbf 23 ft.	4770 lbf 25 ft.	8050 lbf 27 ft.	9025 lbf 28 ft.	9550 lbf 30 ft.	15500 lbf 32 ft.
TWO BOLT CLAMP	40 lbf 7 ft.	60 lbf 7 ft.	85 lbf 9 ft.	300 lbf 10 ft.	350 lbf 11 ft.	375 lbf 12 ft.	405 lbf 14 ft.	1070 lbf 17 ft.	1625 lbf 19 ft.	2575 lbf 22 ft.	3550 lbf 23 ft.	4820 lbf 25 ft.	8250 lbf 27 ft.	9505 lbf 28 ft.	10550 lbf 30 ft.	17350 lbf 32 ft.