Load Core Support™ MSS SP-58
INSULATED PIPE SUPPORT

PRODUCT DESCRIPTION

Load Core Support™ MSS SP-58 is a complete insulated pipe support assembly engineered to provide structural support, thermal efficiency, and condensation control for insulated piping systems. Each assembly incorporates high-performance insulation inserts and factory-fabricated metal shields as integral system components. To accommodate varying operating conditions and project requirements, Load Core Support™ is available in three insulation options: Polyisocyanurate, Phenolic Foam, and Cellular Glass. **All compliant with MSS SP-58 based on Table 3A and where a 25/50 flame and smoke rated support is not required.**

FEATURES & BENEFITS

- Complete assembly including insulation inserts and metal shields
- Dual Density is available where high density is not required on top of the pipe
- Factory applied Vapor Retarder Jacket meeting ASTM E 96 (maximum 0.02 perm)
- Insulation extends beyond the shield for continuous vapor retarder
- Condensation control and thermal efficiency
- Compatible with most clamp types
- Reliable, efficient, cost-effective installation

PHYSICAL PROPERTIES (INSULATION)

PROPERTY	POLYISOCYANURATE	PHENOLIC	CELLULAR GLASS
Temperature Range	-297°F to +300°F	-290°F to +250°F	-450°F to +900°F
Flame and Smoke	ASTM E84 25/450	ASTM E84 25/450 (up to 3")	ASTM E84 0/0
Density	2, 4, 6 lb/ft^3	2.5, 5.0, 7.5 lb/ft^3	7.18 lb/ft^3
Compressive Strength	24, 95, 140 psi (min.)	30, 90, 150 psi (min.)	90 psi (min.)
Cell Structure	Closed Cellular	Closed Cellular	Closed Cellular
ASTM Standard	ASTM C591	ASTM C1126	ASTM C552
K Factor @ 75 Degree Mean (ASTM C518)	.19	.17	.29

SYSTEM APPLICATIONS

- Chilled Water
- Hot / Cold Domestic Water
- Process Piping
- Refrigeration Systems

FACILITIES

- Industrial
- Commercial
- Pharmaceutical
- Educational
- Data Centers

PHYSICAL PROPERTIES (LOAD CORE SHIELD™)

- G-90 Galvanized Steel (Stainless Steel also available) – MSS SP-58 Compliant
- Diameters – ASTM C585
- 180° or 360° available

MADE AND FABRICATED IN THE USA

Load Core Support
Extol of Ohio, Inc.

ASTM INTERNATIONAL

ANAB ANSI National Accreditation Board ACCREDITED ISO/IEC 17021-1 MANAGEMENT SYSTEMS CERTIFICATION BODY

CERTIFIED BY SCB ISO 9001

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