

GROOVED EPDM FITTING INSULATION



DESCRIPTION

Shur-Fit's Grooved EPDM Fitting Insulation is a flexible black synthetic rubber insulation. 90°, 45° and tee bodies are manufactured and installed separately from the couplings allowing for any installed piping configuration without the need to cut off excess material. EPDM fitting and coupling components are installed snug to the fitting, allowing for easy installations in the tightest of areas. Our patent pending design provides consistent insulation throughout the surface of the fitting.

APPLICATIONS

Our Grooved EPDM Fitting Insulation is produced from high performance EPDM synthetic rubber for applications including cooling and heating pipes ranging in service temperatures from -297°F to 300°F. The fittings are designed for indoor and outdoor applications and can be installed "as is", mastic coated, or painted to match surroundings.

ADVANTAGES

Shur-Fit's Grooved EPDM Fittings install faster than any other product in the market. They also eliminate bulky oversized fittings or fragile rigid products. Fittings do not require secondary vapor barriers. EPDM is a LEED v4 standard solution to PVC based elastomeric foams, maintaining the smallest footprint in the market. Our fittings install in the tightest areas and can be installed without the use of oversized pipe insulation or PVC covers. If required by industry standards, PVC or pressed Grooved style aluminum fittings can be easily installed to provide additional mechanical protection.

PHYSICAL PROPERTY	RESULT	TEST METHOD
Apparent Thermal Conductivity	0.245 k-Value	ASTM C 177 / C 518
Surface Burning Characteristics	Flame Spread - 25 Max. Smoke Dev. - 50 Max.	ASTM E 84, up to 2" CAN/ULC-S102-07, up to 1 ½"
Service Temperature, Continuous	-297 °F to +300 °F -57 °C to +149 °C	ASTM C 411
Water Vapor Sorption	0.00% max.	ASTM C 1104
Water Absorption	0.2% max.	ASTM C 209
Water Vapor Permeability	.03 perm (4.38 x 10-11)	ASTM E 96
Dimensional Stability	7% max.	ASTM C 356
Corrosiveness	Pass	ASTM C 665/C 692/DIN 1988
Fungj/Resistance	No Growth	ASTM C 1338/G 21/ UL181

THICKNESS (R VALUE)	½" (2)	¾" (3.1)	1" (4.1)	1 ½" (6.1)	2" (8.2)
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