

Fiber Free

Tubolit[®] SS

Tube Insulation

The economical polyethylene insulation, with a labor-saving self-seal system, for residential heating and plumbing lines



- Closed-cell structure provides condensation and energy loss control
- Flexible material and self-seal system makes application easy and reduces installation time
- Economical choice for domestic lines



Technical Data: Tubolit® SS (Self-Seal)

Description:

Black flexible polyolefin/polyethylene thermal insulation in tubular form with a self-seal system

Specifications Compliance:

MEA 6-02-M

ASTM C 1427 Type 1

Approvals, Certifications, Compliances:

- GREENGUARD® Children & Schools Indoor Air Quality certified.
- All Armacell facilities in North America are ISO 9001:2008 certified.
- Manufactured without CFCs, HFCs, HCFCs, PBDEs, or Formaldehyde.

Typical Properties

Specifications:	Values	Test Method:
Thermal Conductivity: Btu • in./h • ft ² • °F (W/mK) 75°F Mean Temperature [24°C]	0.25 [0.036]	ASTM C 177 or C 518
Water Vapor Permeability: Perm-in. [Kg/[s • m • Pa]]	0.00 [0.0 x 10 ⁻¹³]	ASTM E 96, Procedure A
Flame Spread and Smoke Developed Index: ¹	25/50 rated	ASTM E 84
Mold Growth: Fungi Resistance : Bacterial Resistance:	Passed	UL181 ASTM G21/C1338 ASTM G22
Upper Use Limit: ²	180°F [82°C]	ASTM C534
Lower Use Limit: ²	-297°F [-183°C] ³	ASTM C534
Ozone Resistance:	GOOD	—

Sizes:

Wall Thickness (nominal)	3/8" 1/2", 3/4" and 1" [10, 13, 19 and 25mm]
Inside Diameter, Tubular Form	3/8" to 4" IPS ID [10mm to 114mm ID]
Length of Sections, Tubular Form	6' [1.83m]

¹ Cellular plastics and thermoplastics, such as polyethylene/polyolefin insulation, that may drip, melt, delaminate or draw away from the fire, present unique problems and require careful interpretation of the test results.

² See Armacell Technical Info-Service #010.

³ For applications of -40°F to -297°F [-40°C to -183°C], contact Armacell.

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