

Fiber Free

Proflex[®]

Tube Insulation

The economical elastomeric
foam pipe insulation for HVAC/R



- Closed-cell structure provides excellent condensation and energy loss control
- Flexible for easy installation

 armacell[®]

Technical Data: Proflex® Elastomeric Pipe Insulation

Description:

Black, flexible, elastomeric pipe insulation in a tubular form.

Approvals, Certifications, Compliances:

- Manufactured without CFCs, HFCs, HCFCs, PBDEs, or Formaldehyde.
- All Armacell facilities in North America are ISO 9001:2008 certified.

Typical Properties

Specifications:	Values	Test Method:
Thermal Conductivity: Btu • in./h • ft ² • °F [W/mK] 75°F Mean Temperature [24°C]	0.27 (0.039)	ASTM C 177 or C 518
Water Vapor Permeability: Perm-in. [Kg/[s • m • Pa]]	0.08 (1.16 x 10 ⁻¹³)	ASTM E 96, Procedure A
Flame Spread and Smoke Developed Index in 3/8", 1/2", 3/4", and 1" (10, 13, 19 and 25mm) thickness:	25/50 rated	ASTM E 84
Upper Use Limit: ¹	220°F (104°C)	ASTM C534
Lower Use Limit: ²	-297°F (-183°C) ³	ASTM C534
Sizes:		
Wall Thickness (nominal)	3/8" 1/2", 3/4" and 1" (10, 13, 19 and 25mm)	
Inside Diameter, Tubular	3/8", ID to 2-1/8"	
Length of Sections, Tubular	6' (1.83m)	

¹ Proflex insulation can withstand temperatures as high as 250°F for 96 hour time periods when tested according to ASTM C411 - Standard Test Method for Hot-Surface Performance of High-Temperature Thermal Insulation.

² At temperatures below -20°F (-29°C), elastomeric insulation starts to become less flexible. However, this characteristic does not affect thermal efficiency or water vapor permeability of Proflex insulation.

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



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