

# Proflex<sup>®</sup>

Tube Insulation

The economical elastomeric  
foam pipe insulation for HVAC/R

Fiber Free



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

 **armacell<sup>®</sup>**

## 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:
<b>Thermal Conductivity:</b> Btu • in./h • ft <sup>2</sup> • °F (W/mK) 75°F Mean Temperature [24°C]	0.27 [0.039]	ASTM C 177 or C 518
<b>Water Vapor Permeability:</b> Perm-in. [Kg/[s • m • Pa]]	0.08 [1.16 x 10 <sup>-13</sup> ]	ASTM E 96, Procedure A
<b>Flame Spread and Smoke Developed Index in 3/8", 1/2", 3/4", and 1" (10, 13, 19 and 25 mm) thickness:</b>	25/50 rated	ASTM E 84
<b>Upper Use Limit:</b> <sup>1</sup>	220°F [104°C]	ASTM C534
<b>Lower Use Limit:</b> <sup>2</sup>	-297°F [-183°C] <sup>3</sup>	ASTM C534
<b>Sizes:</b>		
<b>Wall Thickness (nominal)</b>	3/8" 1/2", 3/4" and 1" (10, 13, 19 and 25 mm)	
<b>Inside Diameter, Tubular</b>	1/4" ID to 2-1/8" ID (6 mm to 54 mm ID)	
<b>Length of Sections, Tubular</b>	6' (1.83 m)	

<sup>1</sup> 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.

<sup>2</sup> 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.

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

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