



Proflex®

Elastomeric Pipe Insulation

Energy Efficient, Economical for HVAC/R



- Fiber-Free
- Flexible Cellular Foam Tubes
- Cost-effective
- Installs Easily
- From the Makers of Armaflex®

Proflex Pipe (Tube) Insulation

Description

Flexible elastomeric pipe insulation. Economical for HVAC/R. Proflex is designed for cost-effective energy conservation, sweat control and easy installation. Proflex also offers sound-deadening control for HVAC, and light refrigeration applications.

Installation

Supplied in tube form, Proflex is easy to snap on or sleeve over pipework for existing piping applications.

Proflex installs quickly, using one of our Armaflex Adhesives. It must be installed according to "Installation of Armaflex Insulations" brochure.

Physical Properties

Specifications	Values	Test Method
Thermal Conductivity, Btu • in./h • ft² • °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 25 mm) thicknesses	25/50	ASTM E 84
Upper Use Limit ^①	220°F (104°C)	—
Lower Use Limit ^②	-297°F (-183°C)*	—
Sizes Wall thickness, (nominal) Inside diameter, tubular Length of sections, tubular	3/8", 1/2", 3/4", 1" (10, 13, 19, 25mm) 3/8" ID to 2-1/8" 6' (1.8m)	—

Notes

- ① On the heating cycle, Proflex insulation will withstand temperatures as high as 220°F (104°C). Armaflex Adhesive may be used with pipe insulation applications up to 220°F (104°C).
- 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.
- * Armacell insulation products must be installed according to "Specifications – Installation of Armaflex Insulations." Defects and damages resulting from improper installation are not the responsibility of Armacell.

ALL ARMACELL FACILITIES
IN NORTH AMERICA ARE
ISO 9001:2008 CERTIFIED.

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