

**Aislaflex™**  
**PIPE INSULATION**

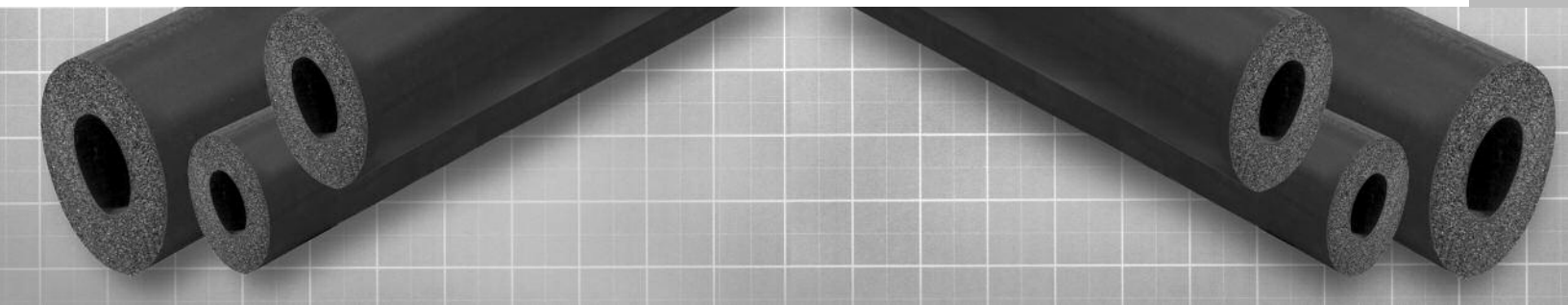
**ENERGY EFFICIENT, ECONOMICAL FOR HVAC/R**

Flexible  
closed-cell tubes

Cost-effective,  
installs easily

From the  
makers of  
Armaflex®

ALL ARMACELL  
FACILITIES IN  
NORTH AMERICA  
ARE ISO 9001:2000  
CERTIFIED.



## Description

Flexible elastomeric pipe insulation. Economical for HVAC/R.

Aislaflex is designed for cost-effective energy conservation, sweat control and easy installation. Aislaflex also offers sound-deadening control for HVAC, and light refrigeration applications.

## Installation

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

Aislaflex installs quickly, using Armaflex 520 Adhesive. It must be installed according to "Installation of Armaflex Insulations" brochure.

## Physical Data

Average Physical Properties*†		Test Method
Thermal conductivity, Btu • in/h • ft <sup>2</sup> • °F (W/mK) 75°F (24°C) mean temp	0.27 (0.039)	ASTM C 177 or C 518
Water vapor permeability, perm-in [Kg/(m <sup>2</sup> •s•Pa)]	0.08 (1.16 x 10 <sup>-13</sup> )	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 <sup>①</sup>	220°F (104°C)	
Lower use limit <sup>②</sup>	-40°F (-40°C)	
Sizes Wall thickness (nominal)	3/8" and 1/2" (10 and 13 mm)	
Inside diameter, tubular form	3/8" ID to 1 5/8" ID (10 to 44 mm)	
Length of sections, tubular form	6' (1.8 m)	

### Notes

<sup>①</sup> On the heating cycle, Aislaflex insulation will withstand temperatures as high as 220°F (104°C). 520 Adhesive may be used with pipe insulation applications up to 220°F (104°C).

<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 Aislaflex 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.

† Average physical properties are not to be used for writing specifications. See Armacell for specification ranges.

## Aislaflex Accessories



### Armaflex 520 Adhesive

An air-drying contact adhesive that is excellent for joining seams and butt joints.



### Armaflex® Insulation Tape

A fast, easy method of insulating pipes and fittings. It controls pipe sweating and reduces heat loss.



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