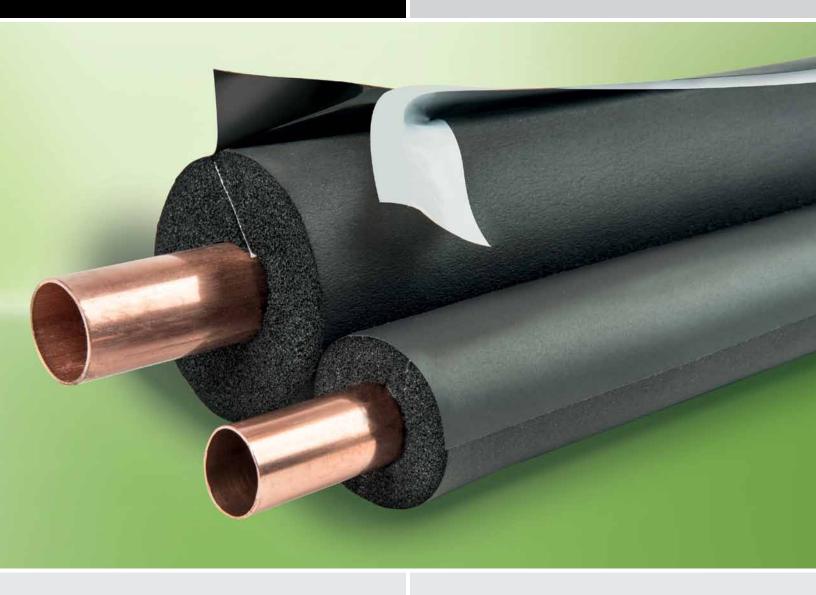
# AP/Armaflex® Black LapSeal™

Tube Insulation with Reinforced Lap Seal

The original flexible elastomeric pipe insulation with a new and improved lap seal for greater seam security and increased protection against condensation, mold and energy loss.



- Angled cut with more surface area for a better bond
- A single interior adhesive liner for quicker application
- New durable, low-profile lap seal with wider release tab, stays closed and looks neat
- Easy to install an excellent choice for retrofit applications
- 25/50 rated for use in air plenums
- Fiber-free, formaldehyde-free, low VOC and nonparticulating formulation protects indoor air quality
- Microban® antimicrobial product protection inhibits the growth of mold and mildew in the insulation











## Technical Data: AP Armaflex® Black LapSeal™ Tube Insulation

#### **Description:**

Black flexible closed-cell elastomeric thermal insulation in tubular form with a self-seal system reinforced with lap seal tape

#### **Specifications Compliance:**

ASTM C 534, Type I — Grade 1 UL 723 ASTM E 84 NFPA 90A, 90B ASTM G-21/C1338
NFPA 255 UL 181 ASTM D 1056, 2B1

#### Approvals, Certifications, Compliances:

- Key physical properties are approved by Factory Mutual.
- GREENGUARD Gold Certified.
- Manufactured without CFCs, HFCs, HCFCs, PBDEs, or Formaldehyde.
- Made with EPA registered Microban® antimicrobial product protection.
- All Armacell facilities in North America are ISO 9001:2008 certified.

Specifications:	Values		Test Method:
	3/8" through 1" Walls	1-1/2" and 2" Walls	
Thermal Conductivity: Btu • in./h •	ft² • °F (W/mK)		
75°F Mean Temperature (24°C)	0.25 (0.036)	0.28 (0.040)	ASTM C 177 or C 518
Water Vapor Permeability: Perm-in. [Kg/(s • m • Pa)]	0.05 (0.725 x 10 <sup>-13</sup> )	0.08 (1.16 x 10 <sup>-13</sup> )	ASTM E 96, Procedure A
Flame Spread and Smoke Developed Index:	25/50 rated	25/50 rated	ASTM E 84
Water Absorption, % by Volume:	0.2%	0.2%	ASTM C 209
Mold Growth: Fungi Resistance: Bacterial Resistance:	Passed	Passed	UL181 ASTM G21/C1338 ASTM G22
Upper Use Limit:	220°F (105°C)	220°F (105°C)	ASTM C534
Lower Use Limit: 1	-297°F (-183°C) <sup>2</sup>	-297°F (-183°C) <sup>2</sup>	ASTM C534
Ozone Resistance:	GOOD	GOOD	Ozone Chamber Test

Sizes:		
Wall Thickness (nominal) Form	3/8", 1/2", 3/4", 1", 1-1/2", 2" (10mm, 13mm, 19mm, 25mm, 38mm, 50mm)	
Inside Diameter, Tubular Form	3/8" ID to 6" (10mm ID to 153mm)	
Length of Sections, Feet, Tubular Form	6' [1.8m]	
Outdoor Use	Painting with WB Finish or other protective jacketing is required for exterior applications.	

<sup>&</sup>lt;sup>1</sup> At temperatures below -20°F (-29°C), elastomeric insulation starts to become less flexible. However, this characteristic does not affect thermal efficiency and resistance to water vapor permeability of Armaflex insulation.

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<sup>&</sup>lt;sup>2</sup> For applications of -40°F to -297°F (-40°C to -183°C), contact Armacell.