# AP/Armaflex® Black LapSeal™

Tube Insulation with Reinforced Lap Seal

The original flexible elastomeric pipe insulation with an exclusive elastic foam lap seal for greater seam security and increased protection against condensation, mold and energy loss



- Self-seal system is reinforced with an exclusive elastic foam lap seal to provide increased seam security
- Pre-slit tubes with self-adhesive system leads to greater labor savings
- Easy to install an excellent choice for retrofit applications
- 1-1/2" and 2" wall sizes
- 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 provides exceptional mold resistance







## 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 a foam lap seal

#### **Specifications Compliance:**

ASTM C 534, Type I — Grade 1 UL 723 ASTM G-21/C1338 ASTM E 84 NFPA 90A, 90B ASTM G-22 ASTM D 1056, 2B1

#### Approvals, Certifications, Compliances:

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:
	1-1/2" and 2" Walls	
Thermal Conductivity: Btu • in./h • ft² • °F (W/mK)		
75°F Mean Temperature (24°C)	0.28 (0.040)	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:	25/50 rated	ASTM E 84
Water Absorption, % by Volume:	0.2%	ASTM C 209
Mold Growth: Fungi Resistance: Bacterial Resistance:	Passed	UL181 ASTM G21/C1338 ASTM G22
Upper Use Limit:	220°F (105°C)	ASTM C534
Lower Use Limit: 1	-297°F (-183°C) <sup>2</sup>	ASTM C534
Ozone Resistance:	GOOD	Ozone Chamber Test

Sizes:	
Wall Thickness (nominal) Form	1-1/2", 2" (38, 50mm)
Inside Diameter, Tubular Form	3/8" ID to 6" (10mm ID to 153mm)
Length of Sections, Feet, Tubular Form	6' (1.8m)

<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.

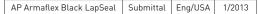
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<sup>&</sup>lt;sup>2</sup> For applications of -40°F to -297°F (-40°C to -183°C), contact Armacell.