

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

Fiber Free



- 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 non-particulating formulation protects indoor air quality
- Microban® antimicrobial product protection provides exceptional mold resistance

 **armacell**
advanced 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 a foam lap seal

Specifications Compliance:

ASTM C 534, Type I — Grade 1
ASTM E 84
NFPA 255

UL 723
NFPA 90A, 90B
UL 181

ASTM G-21/C1338
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 • ft ² • °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) ²	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)

¹ 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.

² For applications of -40°F to -297°F (-40°C to -183°C), contact Armacell.

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