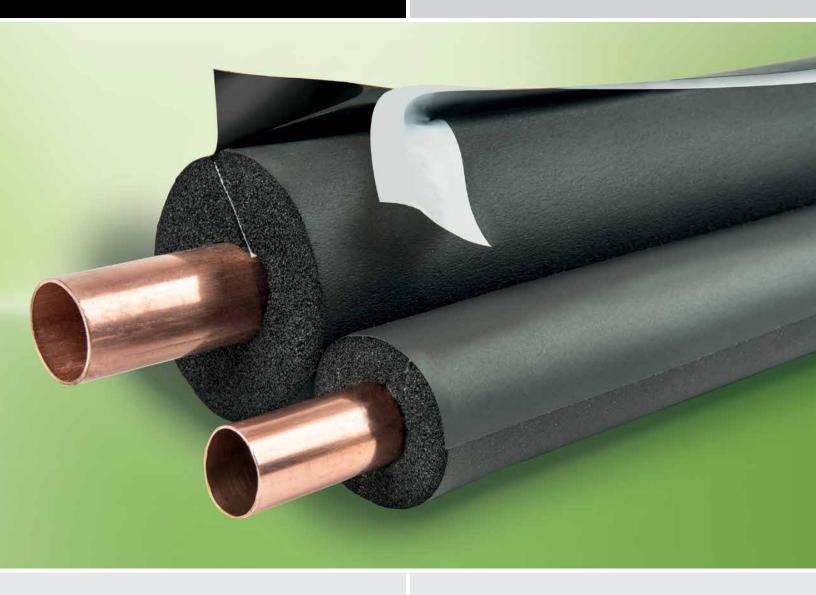
AP/Armaflex® Black LapSeal™

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

Insulation for piping associated with HVAC, VRV and VRF systems, chillers, hot and cold water, refrigeration

Specifications Compliance:

ASTM C 534, Type I - Grade 1 **UL 723** ASTM G-21/C1338 ASTM E 84 NFPA 90A, 90B ASTM G-22 **NFPA 255 UL 181** ASTM D 1056, 2B1

Approvals, Certifications, Compliances:

- 3rd party certified by FM Approvals through 1-1/2" wall thickness
 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.

Typical Properties							
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) 90°F Mean Temperature (32°C)	0.245 (0.0353) 0.254 (0.0366)	0.28 (0.040) 0.286 (0.041)	ASTM C 177 or C 518				
Water Vapor Permeability: Perm-in. [Kg/(s • m • Pa)]	0.05 (0.725 x 10 ⁻¹³)	0.08 (1.16 x 10 ⁻¹³)	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) ²	-297°F (-183°C) ²	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" (10 mm, 13 mm, 19 mm, 25 mm, 38 mm, 50 mm)		
Inside Diameter, Tubular Form	3/8"ID to 6" (10 mm to 153 mm)		
Length of Sections, Tubular Form	6' (1.8m)		
Outdoor Use	Painting with WB Finish or other protective jacketing is required to prevent damage to the insulation in exterior applications and to comply with the insulation protection sections of the		

International Energy Conservation Code (IECC) and ASHRAE 90.1. 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

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AP Armaflex Black LapSeal	Submittal	020	Eng/USA	5/2018	
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vapor permeability of Armaflex insulation. ² For applications of -40°F to -297°F (-40°C to -183°C), contact Armacell.