

SOLUTIONS FOR ENERGY SAVINGS

AP ArmaFlex®

Insulation Tape

The mold resistant, elastomeric, AP ArmaFlex pressure sensitive insulation tape that provides a fast, easy method of insulating pipes and fittings

- // High-quality AP ArmaFlex insulation
- // Fast on difficult pipes and fittings
- // Controls condensation and heat loss
- // Clean, smooth appearance

www.armacell.us



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ArmaFlex®

TECHNICAL DATA – AP ArmaFlex® INSULATION TAPE

Description

A black, closed cell, mold resistant, elastomeric thermal insulation for insulating pipes and fittings

Specification Compliance

ASTM C 534, Type I – Grade 1	NFPA 90A, 90B	ASTM G-22	MEA 96-85-M
ASTM E 84, NFPA 255, UL723	UL 181	ASTM D 1056, 2C1	City of LA – RR 7642
CAN/ULC S102	ASTM G-21/C1338	Grade SBE 3	

Approvals, Certifications, Compliances

- Key physical properties are approved by Factory Mutual
- 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
Thermal Conductivity: Btu • in/h • ft ² • °F (W/mK)		
75°F Mean Temperature (24°C)	0.25 (0.036)	ASTM C 177 or C 518
90°F Mean Temperature (32°C)	0.256 (0.037)	
Water Vapor Permeability: Perm-in. [Kg/[s • m • Pa]]	0.05 (0.725 x 10 ⁻¹³)	ASTM E 96, Procedure A
Flame Spread and Smoke Developed Index:	25/50 rated	ASTM E 84 Can/ULC S102
Mold Growth:	UL181	UL181
Fungi Resistance:	ASTM G21/C1338	ASTM G21/C1338
Bacterial Resistance:	ASTM G22	ASTM G22
Upper Use Limit:	Up to 180°F (82°C)	ASTM C534
Lower Use Limit:	-30°F (-34°C)	ASTM C534



Microban antimicrobial product protection is limited to the product itself and is not designed to protect the users of these products from disease causing microorganisms, or as a substitute for normal cleaning and hygiene practices. Microban International, Ltd. makes neither direct nor implied health claims for the products containing Microban® antimicrobial product protection. Data, photomicrographs and information presented are based on standard laboratory tests and are provided for comparative purposes to substantiate antimicrobial activity for non-public health uses. Microban is a registered trademark of Microban International, Ltd.

All data and technical information are based on results achieved under typical application conditions. It is the customer's responsibility to verify if the product is suitable for the intended application. The responsibility for professional and correct installation and compliance with relevant building regulations lies with the customer. By ordering/receiving product you accept the **Armacell General Terms and Conditions of Sale** applicable in the region. Please request a copy if you have not received these.

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ABOUT ARMACELL

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With 3,000 employees and 26 production plants in 17 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.

For more information, please visit:
www.armacell.us
800-866-5638

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