

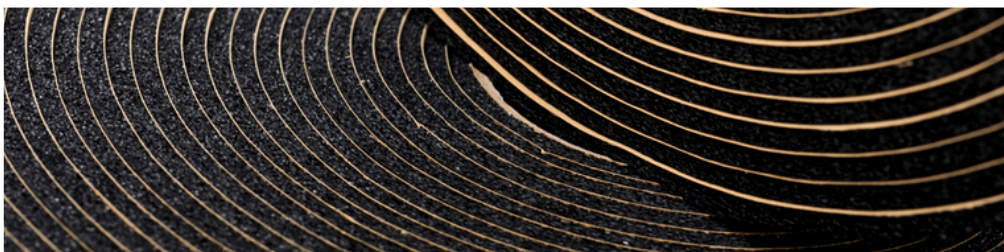
SOLUTIONS FOR ENERGY SAVINGS

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

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 **armacell**[®]
ArmaFlex[®]

TECHNICAL DATA - AP/ARMAFLEX INSULATION TAPE

Brief description A black, closed-cell, mold-resistant, elastomeric thermal insulation tape for insulating pipes and fittings.

Approvals and compliance

Specification compliance	<ul style="list-style-type: none"> Manufactured without CFCs, HFCs, HCFCs, PBDEs, or Formaldehyde. ASTM C534, Type II - Sheet Grade 1 ASTM G21/C1338 	<ul style="list-style-type: none"> Made with EPA registered MICROBAN antimicrobial product protection. ASTM E84, UL723 ASTM D1056, 2C1 	<ul style="list-style-type: none"> GREENGUARD Gold Certified CAN/ULC S102 City of New York approval MEA 96-85-M 	<ul style="list-style-type: none"> All Armacell facilities in North America are ISO 9001 certified. NFPA 90A, 90B
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Property	Value / Assessment				Standard / Test method
Temperature range					
Service temperature	Min. °C	Min. °F	Max. °C	Max. °F	
	-34	-30	82	180	
Thermal conductivity					
1 - Declared thermal conductivity W/(m·K)	θm	75 °F (24 °C)		100 °f (38 °C)	ASTM C518, ASTM C177
	λd ≤ [W/(m·K)]	0.036		0.037	
	k ≤ [Btu-in/(h-ft ² -°F)]	0.25		0.257	
Fire Performance and Approvals					
Surface burning characteristics ¹	Flame Spread Index less than 25: Smoke Developed Index less than 50 25/50 Rated				ASTM E84 and UL 723
UL standards					
UL94 5VA ²	Pass, UL File Number E55798				
UL94 HF-1 ²	Pass, UL File Number E55798				
UL94 V-0 ²	Pass, UL File Number E55798				
Resistance to water vapour					
Water vapor diffusion resistance factor	0.05 Perm-inch 0.725 x 10 ⁻¹³ Kg/(s m Pa)				ASTM E96, procedure A
Health and environment					
Mold growth	Pass				UL 181
Fungal growth	Pass				ASTM G21, ASTM C1338

¹Test sample prepared in accordance to ASTM E2231

²Flame testing conducted on 1.5mm steel plates

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Accessories | ArmaFlex Tape (Americas) | TDS | 032024 | en-US

ABOUT ARMACELL

As the inventor of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal 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 more than 3,300 employees and 25 production plants in 19 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for acoustic and lightweight applications, recycled PET products, next-generation aerogel technology and passive fire protection systems.

For more information, please visit:
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