

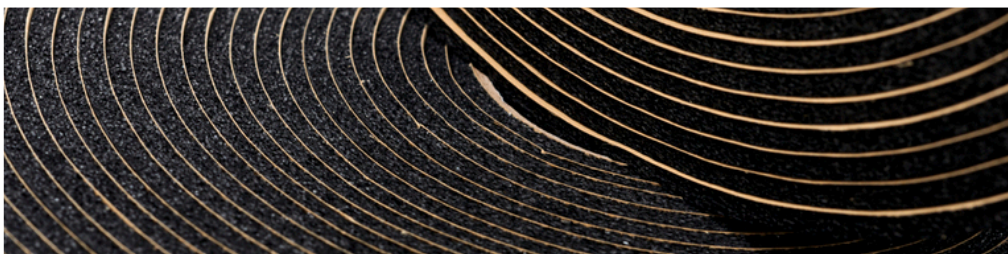
SOLUTIONS FOR ENERGY SAVINGS

# 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.com](http://www.armacell.com)



 **armacell**<sup>®</sup>  
ArmaFlex<sup>®</sup>

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"><li>Manufactured without CFCs, HFCs, HCFCs, PBDEs, or Formaldehyde</li><li>ASTM C534, Type II - Sheet Grade 1</li><li>ASTM G21/C1338</li></ul>	<ul style="list-style-type: none"><li>Made with EPA registered MICROBAN antimicrobial product protection.</li><li>ASTM E84, UL723</li><li>ASTM D1056, 2C1</li></ul>	<ul style="list-style-type: none"><li>GREENGUARD Gold Certified</li><li>CAN/ULC S102</li><li>City of New York approval MEA 96-85-M</li></ul>	<ul style="list-style-type: none"><li>All Armacell facilities in North America are ISO 9001 certified</li><li>NFPA 90A, 90B</li></ul>
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]	Øm	75 °F [24 °C]	100 °f [38 °C]	ASTM C518, ASTM C177
	λd ≤ [W/[m·K]]	0.036	0.037	
	k ≤ [Btu-in/[h·ft2·°F]]	0.25	0.257	
Fire Performance and Approvals				
Surface burning characteristics¹	Flame Spread Index less than 25: Smoke Developed Index less than 50 25/50 Rated			ASTM E84 and UL 723
UL standards				
UL94 5VA²	Pass, UL File Number E55798			
UL94 HF-1²	Pass, UL File Number E55798			
UL94 V-0²	Pass, UL File Number E55798			
Resistance to water vapour				
Water vapor diffusion resistance factor	0.05 Perm-inch 0.725 x 10 <sup>-13</sup> 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				

All data and technical information are based on results achieved under the specific conditions defined according to the testing standards referenced. Despite taking every precaution to ensure that said data and technical information are up to date, Armacell does not make any representation or warranty, express or implied, as to the accuracy, content or completeness of said data and technical information. Armacell also does not assume any liability towards any person resulting from the use of said data or technical information. Armacell reserves the right to revoke, modify or amend this document at any moment. 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. This document does not constitute nor is part of a legal offer to sell or to contract.

At Armacell, your trust means everything to us, so we want to let you know your rights and make it easier for you to understand what information we collect and why we collect it. If you would like to find out about our processing of your data, please visit our Data Protection Policy.

Trademarks followed by © or TM are trademarks of the Armacell Group. © Armacell, 2024. All rights reserved.

Accessories | ArmaFlex Tape (Americas) | TDS | 092024 | 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:  
[www.armacell.com](http://www.armacell.com)