

SOLUTIONS FOR ENERGY SAVINGS

AP ArmaFlex[®]

Black and White Fabricated Fittings

Made to order prefabricated fittings, using the world's leading brand of black and white closed cell insulation

// Wall thicknesses up to 2"

// Labor saving, easy to work with and apply

// Provides total ArmaFlex system integrity: Thermal and moisture resistance

www.armacell.us



 **armacell[®]**
ArmaFlex[®]

TECHNICAL DATA – FABRICATED FITTINGS

Description

The premier prefabricated fittings for ArmaFlex pipe insulation systems

AP ArmaFlex black fabricated fittings provide thermal protection and condensation resistance with other AP ArmaFlex performance advantages

AP ArmaFlex W white fabricated fittings provide thermal protection and condensation resistance with all other AP ArmaFlex W performance advantages. Minimizes need for priming or painting in interior applications

Specification Compliance

ASTM C 534, Type I – Grade 1 ASTM E 84, UL723 CAN/ULC S102 up to 1" thickness	NFPA 90A, 90B UL 181 ASTM G-21/C1338	ASTM G-22 ASTM D 1056, 2C1 MIL-P-15280J, FORM T	MIL-C-3133C (MIL STD 670B), Grade SBE 3 City of New York MEA 96-85-M
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Approvals, Certifications, Compliances

- 3rd party certified by FM Approvals through 1" 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 certified

Fabricated Fittings: Wall Thicknesses (Check with Armacell customer service or sales team for size availability)

Armacell Product	2-piece 90° elbows	3-piece 90° elbows	T's	45° elbows	Grooved Fittings	"P" Traps
AP ArmaFlex Black	1/2", 3/4", 1", 1-1/2" and 2" (13, 19, 25, 38, 51 mm)	1/2", 3/4", 1", 1-1/2" and 2" (13, 19, 25, 38, 51 mm)	1/2", 3/4", 1", 1-1/2" and 2" (13, 19, 25, 38, 51 mm)	1/2", 3/4", 1", 1-1/2" and 2" (13, 19, 25, 38, 51 mm)	1", 1-1/2" and 2" (25, 38, 51 mm)	1/2", 3/4", 1", and 1-1/2" (13, 19, 25, 38 mm)
AP ArmaFlex White	1/2", 3/4", 1", 1-1/2" and 2" (13, 19, 25, 38, 51 mm)	1/2", 3/4", 1", 1-1/2" and 2" (13, 19, 25, 38, 51 mm)	1/2", 3/4", 1", 1-1/2" and 2" (13, 19, 25, 38, 51 mm)	1/2", 3/4", 1", 1-1/2" and 2" (13, 19, 25, 38, 51 mm)	-	1/2", 3/4", 1" and 1-1/2" (13, 19, 25, 38 mm)

Pipe ID Sizes (Check with Armacell customer service or sales team for size availability)

1/2" Wall Thickness	3/8, 1/2, 5/8, 3/4, 7/8, 1-1/8, 1-3/8, 1-5/8, 1-1/2 IPS, 2-1/8, 2 IPS, 2-5/8, 3-1/8, 3-5/8, 4-1/8, 4 IPS, 5 IPS, 6 IPS, 8 IPS, 10 IPS
3/4" Wall Thickness	3/8, 1/2, 5/8, 3/4, 7/8, 1-1/8, 1-3/8, 1-5/8, 1-1/2 IPS, 2-1/8, 2 IPS, 2-5/8, 3-1/8, 3-5/8, 4-1/8, 4 IPS, 5 IPS, 6 IPS, 8 IPS, 10 IPS
1" Wall Thickness	3/8, 1/2, 5/8, 3/4, 7/8, 1-1/8, 1-3/8, 1-5/8, 1-1/2 IPS, 2-1/8, 2 IPS, 2-5/8, 3-1/8, 3-5/8, 4-1/8, 4 IPS, 5 IPS, 6 IPS, 8 IPS, 10 IPS
1-1/2" Wall Thickness	3/8, 1/2, 5/8, 3/4, 7/8, 1-1/8, 1-3/8, 1-5/8, 1-1/2 IPS, 2-1/8, 2 IPS, 2-5/8, 3-1/8, 3-5/8, 4-1/8, 4 IPS, 5 IPS, 6 IPS
2" Wall Thickness	3/8, 1/2, 5/8, 3/4, 7/8, 1-1/8, 1-3/8, 1-5/8, 1-1/2 IPS, 2-1/8, 2 IPS*, 2-5/8*, 3-1/8*, 3-5/8*, 4-1/8*, 4 IPS*, 5 IPS*, 6 IPS*

* available only in black

Wall Thickness	Temperature Range
1/2", 3/4" 1"	-297°F to 220°F [-183°C to 104°C]
1-1/2" and 2"	-297°F to 300°F [-183°C to 149°C]

GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg.

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 23 production plants in 15 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
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