



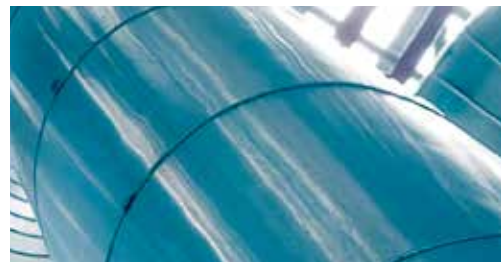
INSULATION
JUST GOT BETTER

ArmaGel HT

Flexible aerogel blanket for
high-temperature applications

- // ASTM C1728 compliant
- // Hot conditions up to 650 °C (1200 °F)
- // More choice: 5, 10, 15 and 20mm thicknesses
- // Up to five times better thermal performance than competing insulation materials
- // Mitigates the risk of corrosion under insulation (CUI)

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ArmaGel

Other technical features

Dimensional tolerances	Tolerances according to ASTM C1728, for detailed values please refer to product range tables.	
Weather resistance	In all industrial applications the outer layer of the material must be protected with an adequate covering like metal jacketing, Arma-Chek® R flexible elastomeric jacketing or preformed UV-cured GRP (Glass-Reinforced Plastic) cladding. Please contact Technical Services for guidance on the temperature limitations and specific construction considerations which need to be made for each jacketing system.	
Health aspects	Neutral, MSDS available on request.	
Hydrophobic	Yes	
Water vapour sorption	≤ 5% by weight	Tested according to ASTM C1104
Fungal resistance	No growth	Tested according to ASTM C1338
Storage	Material shall be stored indoors, in clean and dry conditions, away from direct sunlight.	
Shelf (storage) life ⁶	Max. 3 years	

- For temperatures above the published value, please contact Technical Services to request the corresponding technical information.
- For operating temperatures above 400 °C (752 °F) a metallic foil barrier with 0.05 mm (0.002 inch) thickness must be additionally installed. For details please contact Technical Services.
- ArmaGel HT is designed for application where the operating temperatures are above ambient. In the event that the operating temperatures are below ambient please consult our technical services for further information and support.
- Based on single test results. Can be used for information/reference only.
- Test performed with a preload of 2 psi.
- Shelf life (maximum storage time) is limited in order to make sure that only currently manufactured products are applied on projects. This limitation is restricted solely to storage of the product and does not affect the lifetime of product after it has been installed.

Sheets

		Metric sizes				Imperial sizes			
		Nominal thickness	Width	Length	Content per roll	Nominal thickness	Width	Length	Content per roll
		[mm]	[m]	[m]	[sqm]	[in]	[in]	[ft]	[sq ft]
Standard Rolls	AGH-05-00/150S	5	1.50	16.00	24.00	0.20	59.00	52.50	258.34
	AGH-10-00/150S	10	1.50	8.00	12.00	0.39	59.00	26.25	129.17
	AGH-15-00/150S	15	1.50	6.00	9.00	0.59	59.00	19.69	96.88
	AGH-20-00/150S	20	1.50	4.00	6.00	0.79	59.00	13.13	64.59
Jumbo Rolls	AGH-05-00/150P	5	1.50	65.00	97.50	0.20	59.00	213.26	1049.48
	AGH-10-00/150P	10	1.50	40.00	60.00	0.39	59.00	131.24	645.84
	AGH-15-00/150P	15	1.50	26.00	39.00	0.59	59.00	85.31	419.80
	AGH-20-00/150P	20	1.50	20.00	30.00	0.79	59.00	65.62	322.92
Tolerances According to ASTM C1728	Thickness tolerances	5 mm (0.20 in) nominal thickness				± 1 mm			
		10 mm (0.39 in) nominal thickness				± 2.5 mm			
		15 mm (0.59 in) nominal thickness				± 3 mm			
		20 mm (0.79 in) nominal thickness				± 4 mm			
	Width tolerances	± 5%							
	Length tolerances	± 5%							

* Rolls of 0.75 m (29.53 in) width are available upon request.

All data and technical information are based on results achieved under the specific conditions defined according to the testing standards referenced. 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 regulations and project specification lies with the customer. Armacell takes every precaution to ensure the accuracy of the data provided in this document and all statements, technical information and recommendations contained within are believed to be correct at the time of publication. 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 3,135 employees and 24 production plants in 16 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.com/armagel

