

INSULATION JUST GOT BETTER

ArmaGel HT

Our vision has always been to create innovative, technical insulation solutions and components to conserve energy and make a difference around the world. With aerogel that vision is now a reality. Say hello to the future of insulation today.

ArmaGel. Insulation just got better.

www.armacell.com/armagel



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.

© Armacell, 2018. ArmaGel is a trademark of the Armacell Group.
00001 | ArmaGel HT | ArmaGel | MktBrochure | 082018 | Global | EN MASTER

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 27 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.

 **armacell**[®]
ArmaGel

For more information, please visit:
www.armacell.com/armagel



 **armacell**[®]
ArmaGel

INSULATION JUST GOT BETTER.

ArmaGel HT

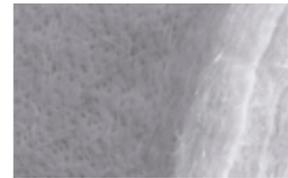
Welcome to the next generation of aerogel blanket technology. Flexible and bendable. Environmentally safe. Superior thermal performance. Designed for safety. Hot conditions up to 650 °C (1200 °F) is no sweat. C1728 compliant. ArmaGel HT is the reliable solution for high-temperature applications.



High-temperature



Flexible



Hydrophobic



[Learn more.](#)

AEROGEL

Used by NASA to bring home a piece of a comet because it's strong enough to stop a bullet in its track, aerogel offers an uncanny array of physical properties - thermal, acoustical - and so holds incredible potential for insulation uses. As the name suggests, aerogel is a solid derived from gel in which the liquid component of the gel has been replaced with air making it dry and porous. In fact, over 90 percent of the volume is empty space making aerogel the world's lightest solid material. It's also 1,000 times less dense than glass, making it the world's lowest density solid material.

YOUR BENEFITS

// Increase coverage

New sizes and more choice. 5, 10, 15, and 20 mm thicknesses available today. A thicker layer gives more insulation coverage per man hour than traditional aerogel insulation.

// Reduce labour cost

Cuts easily and conforms to preferred shapes, with less wastage, making it the right fit for installers.

// Reduce downtime

Product removal is made simple, reducing both downtime and the need to purchase replacement insulation during regular maintenance cycles.

// Superior thermal performance

Offering up to 5 times superior thermal performance versus like-for-like competing insulation products.

// Hydrophobic and breathable

Repels liquid water, but allows vapour to escape, helping to keep equipment drier for longer.

// Ultra-thin and ultra-light

Equal thermal performance at a fraction of the thickness. Improved handling and easier transportation.

// Versatile

More flexibility than traditional aerogel insulation materials.

// Environmentally safe

Chloride-free and landfill disposable. Features our innovative, dust-reducing technology, LoDust, making it the right fit for installers.

// CUI defence

Hydrophobicity and breathability enhance protection against corrosion under insulation (CUI).