

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



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ENCON TECHNICAL SOLUTIONS



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 **armacell**[®]
ArmaGel[®]

INSULATION JUST GOT BETTER.

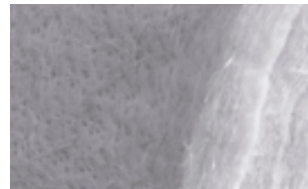
ArmaGel HT

Welcome to the next generation of aerogel blanket technology. Flexible and bendable. Environmentally safe. Designed for incombustibility. Superior thermal performance. Hot conditions up to 650 °C (1200 °F) is no sweat. 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.

UP TO
80%

THINNER
than competing
insulation products

UP TO

5x

SUPERIOR THERMAL
PERFORMANCE
than competing
insulation products

4

THICKNESSES
FOR THE
BEST FIT



YOUR BENEFITS

// Increase coverage

New sizes and more choice. 10mm thickness available today. 5, 15 and 20mm coming soon. 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. It 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).

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.

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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.com/armagel

