

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



 **armacell[®]**
ArmaGel[®]

INSULATION JUST GOT BETTER.

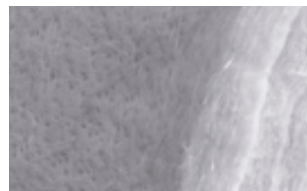
ArmaGel HT

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

Dispose of in accordance with local regulations.

// CUI defence

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

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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 27 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/en-GB/about-armagel

