

INSULATION JUST GOT COOLER

ArmaGel[®] DT

Introducing ArmaGel DT. One of the best performing insulation materials for cryogenic and dual-temperature applications. See why there's no better insulation.

www.armacell.com/armagel



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ENCON TECHNICAL SOLUTIONS



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 **armacell**[®]
ArmaGel[®]

CRYOGENIC CONDITIONS
DOWN TO -180 / -196 °C

ArmaGel DT

Aerogel is a remarkable material. Although it is the world's lightest solid material, it is strong enough to stop a bullet in its track, and NASA used it to bring home a piece of comet. Armacell for its part is utilising aerogel technology to produce its ArmaGel blanket product range.

Welcome to the next generation of aerogel insulation technology.

ASTM C1728 compliant. Flexible and bendable. Superior thermal performance. Protection against corrosion under insulation. ArmaGel DT is the reliable solution for cryogenic and dual-temperature applications and is compatible with the Armacell Energy existing product range, giving you the best of both worlds.



Cryogenic



Dual-Temperature



Hydrophobic



Note:

ArmaGel DT is compliant with ASTM C1728 Type IV, Grade 1A with minimum use temperature of -196 °C. For operating temperatures below -180 °C, special attention must be given to the system design and craftsmanship during installation to ensure that the material does not come in contact with liquid oxygen. For further information and support, please contact Technical Services.

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 conventional aerogel insulation.

// Faster installation rates

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

// Increase labour productivity

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 2 times superior thermal performance versus like-for-like competing insulation products.

// Hydrophobic & CUI mitigation

Repels liquid water helping to keep equipment drier for longer and mitigate corrosion under insulation (CUI).

// Ultra-thin

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

// Versatile

More flexibility than conventional aerogel insulation materials.

// Environmentally safe

Dispose of in accordance with local regulations.

// Less waste

ArmaGel DT comes in sheet form. It is flexible and more forgiving. It does not crack and can be fabricated to fit any pipe size with minimum waste.

// Acoustic performance

ArmaGel DT offers superior acoustic insertion loss at reduced thickness and weight compared to conventional acoustic insulation systems.



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THICKNESSES FOR
THE BEST FIT

UP TO

45%

THINNER THAN
COMPETING INSULATION
PRODUCTS

UP TO

25%

SAVING ON
CLADDING
MATERIALS

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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

