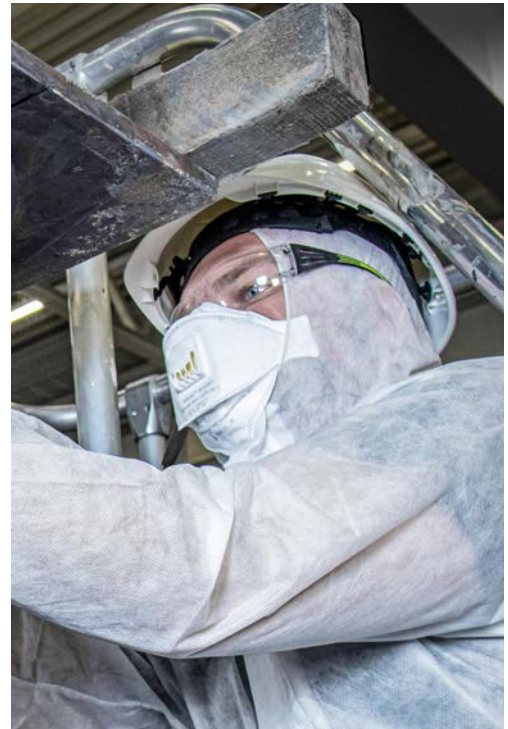


FIRE PROTECTION JUST GOT SMARTER

# ArmaGel<sup>®</sup> HTF

Introducing ArmaGel HTF. An advanced insulation material providing fire protection especially against hydrocarbon pool fires. Reduce the risk of shut-downs and protect your assets. A sustainable one-step solution for fire protection and thermal insulation.

[www.armacell.com/armagel](http://www.armacell.com/armagel)



 **armacell**<sup>®</sup>  
ArmaGel<sup>®</sup>

**A sustainable one-step solution for  
fire protection and thermal insulation.**

# ArmaGel<sup>®</sup> HTF

ArmaGel HTF is a new generation of aerogel fire protection blanket. A reliable solution for superior thermal insulation for high-temperature applications up to 650 °C (1200 °F). ArmaGel HTF provides additional fire protection to reduce the risk of shut-downs. Officially tested up to 120 minutes, compliant with UL 1709. ArmaGel HTF is easy to install, flexible and environmentally safe. The perfect solution for applications where both, thermal insulation and fire protection, is required.

Passive Fire Protection



Thermal



Hydrophobic



[Learn more.](#)

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## 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.

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# YOUR BENEFITS

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## // One-step solution

Advanced insulation material which additionally provides fire protection - reduce the risk of shut-downs in case of fire and protect assets.

## // Fire Protection

Passive Fire Protection with aerogel technology. UL1709 compliant. Jet fire tested according ISO 22899-1.

## // Superior thermal Insulation

For hot conditions up to 650°C (1200°F). Up to five times better thermal performance than competing insulation materials.

## // Cost efficient solution

Reduce labour cost. Reduce maintenance costs. The ideal choice for specifiers and contractors.

## // CUI defence

Mitigates the risk of corrosion under insulation (CUI).

## // Easy and reliable installation

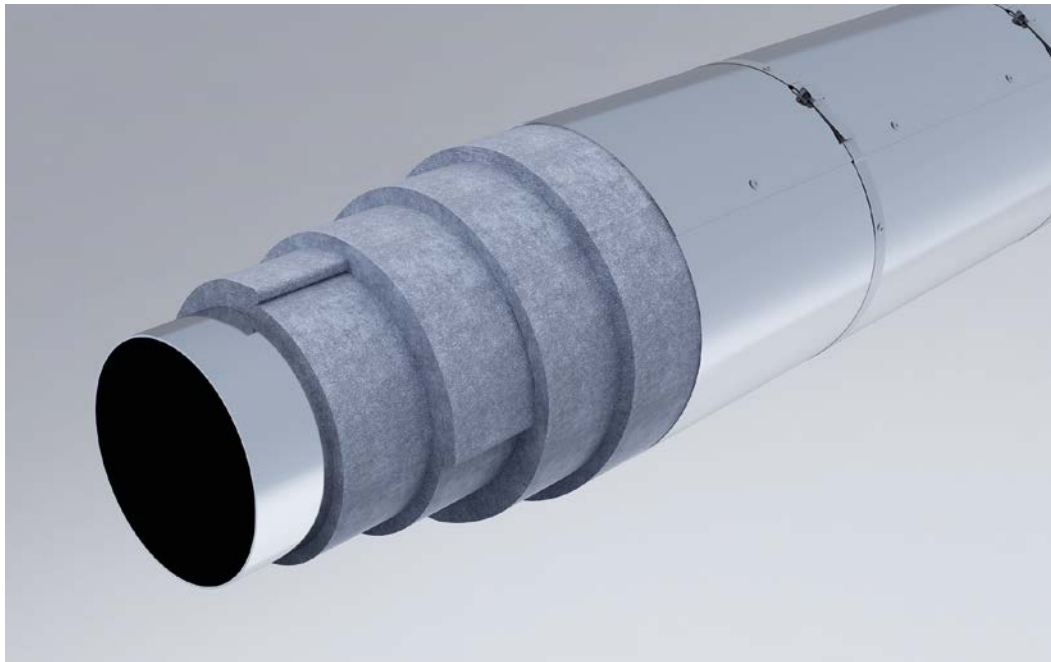
Highly flexible aerogel blanket material. No curing or drying time. No banding systems required to install ArmaGel HTF blankets.

## // Hydrophobic and breathable

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

## // High temperature application

Fire protection for applications with operating temperature up to 650 °C.



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

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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/armagel](http://www.armacell.com/armagel)

