

Press release

Armacell launches next generation aerogel blanket

- Introducing ArmaGel, the next generation aerogel blanket technology
- ArmaGel HT, suitable for high-temperature applications up to 650 °C (1,200 °F)
- 5, 10, 15 and 20mm thickness range providing customers with additional choice
- Featuring proprietary dust-reducing technology developed by Armacell
- Operating from new aerogel blanket production line in South Korea

Luxembourg, 21 August 2018 – Armacell, a global leader in energy efficiency, today announced new thicknesses of ArmaGel HT, a next generation flexible aerogel blanket for high-temperature applications, made in South Korea on the new aerogel blanket production line within Armacell's existing Cheonan facility.

As part of the company's new ArmaGel range, ArmaGel HT is optimised for high-temperature applications up to 650 degrees Celsius. With its exceptionally low thermal conductivity, it is one of the best performing insulation materials available today, offering equal thermal performance at a fraction of the thickness - up to 80 percent thinner than competing insulation products. It introduces new thicknesses of aerogel blankets to the market providing the customer with more choice. 5, 10, 15, and 20mm thicknesses are available today.

ArmaGel HT offers a multitude of benefits. It is light-weight for improved handling and easier transportation. For maintenance purposes, product removal is made simple reducing both downtime and the need to purchase replacement insulation during regular maintenance cycles. It cuts easily and conforms to preferred shapes. It is hydrophobic and breathable, thereby keeping mechanical equipment drier for longer and enhancing protection against corrosion under insulation. It also offers best-in-class acoustic performance and designed thicknesses reduced by up to 40 percent against competitor aerogel-based acoustic systems. Plus, as it is compliant to the ASTM C1728 standard for flexible aerogel insulation (type 3, grade 1A), ArmaGel HT is a reliable and safe solution.

Effective insulation is a key factor in tackling climate change, as it is one of the simplest, fastest and most cost-effective means of improving energy efficiency. Our new product is environmentally safe, chloride-free and landfill disposable. In addition, it features Armacell's innovative dust-reducing technology, LoDust, making it the right fit for installers.

“We are excited to launch the next generation aerogel technology, enabling us to deliver a complete portfolio of thermal and acoustic insulation solutions. In combination with our core elastomeric flexible foam offering and design capabilities, the enhanced performance parameters of ArmaGel deliver state-of-the-art solutions to our customers around the globe with an excellent quality/cost ratio”, says Patrick Mathieu, President & CEO of the Armacell Group.

Armacell creates this ultra-light, high-tech aerogel blanket technology in Cheonan, South Korea. Covering 21,206 square meters of land, the manufacturing facility close to Seoul is set to become an important hub for industry-leading aerogel manufacturing solutions and lies at the heart of Armacell’s vision to be the global leader in providing innovative, technical insulation solutions and components to conserve energy and make a difference around the world.

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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 27 production plants in 17 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams, and generated net sales of approx. EUR 603 million and adjusted EBITDA of approx. EUR 102 million in 2017. 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.

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

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