

## Press release

### **Armacell launches ArmaGel<sup>®</sup> XGC: next generation cryogenic and dual-temperature aerogel insulation blanket**

- ASTM C1728 Type I and Type IV compliant
- Best performing cryogenic and dual-temperature aerogel insulation available today
- Further extends new ArmaGel XG product range

Luxembourg, 1 April 2025 – Armacell, a global leader in flexible foam for the equipment insulation market and a leading provider of engineered foams, introduces ArmaGel<sup>®</sup> XGC — a revolutionary product that sets a new industry standard by combining superior insulation efficiency with improved worker safety through proprietary low-dust technology.

#### **Exceptional efficiency and performance**

Manufactured in China, with additional production commencing at Armacell's new state-of-the-art facility in India, ArmaGel XGC is designed to meet the most demanding industrial requirements, ensuring reliability and durability in industrial and energy applications. It delivers exceptional thermal performance, is ASTM C1728 Type I and Type IV compliant, and is suitable for cryogenic conditions down to -196°C (-321°F).

As part of Armacell's expansion strategy, production at the company's new Indian facility will further strengthen supply chain resilience and global availability.

#### **Improved worker safety**

Setting a new industry standard by combining superior insulation efficiency with improved worker safety through proprietary low-dust technology, Bart Janssen Vice President of Engineered Foams and Energy comments, *"Our commitment to innovation has driven the development of ArmaGel XGC, a breakthrough product that enhances thermal and acoustic efficiency, and importantly prioritises worker safety. It's a standout choice."*

#### **Latest evolution in insulation technology**

ArmaGel XGC represents the latest evolution in insulation technology, providing a safer, more effective solution for industries requiring high-performing thermal protection for both cryogenic and dual-temperature applications.

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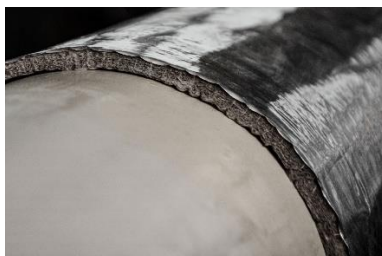
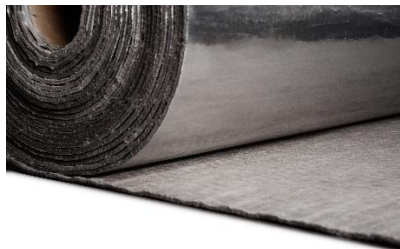
### ABOUT ARMACELL

As the inventor of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal and mechanical insulation solutions that create sustainable value for its customers. Armacell's products significantly contribute to driving energy efficiency worldwide. With more than 3,300 employees and 25 production plants in 20 countries, Armacell 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](http://www.armacell.com)

For product information, please visit [www.armacell.com/en-GB/armagel-xgc](http://www.armacell.com/en-GB/armagel-xgc)

### CAPTION

- 1) The future of insulation technology: ensuring high performance while safeguarding workers (© Armacell)



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