



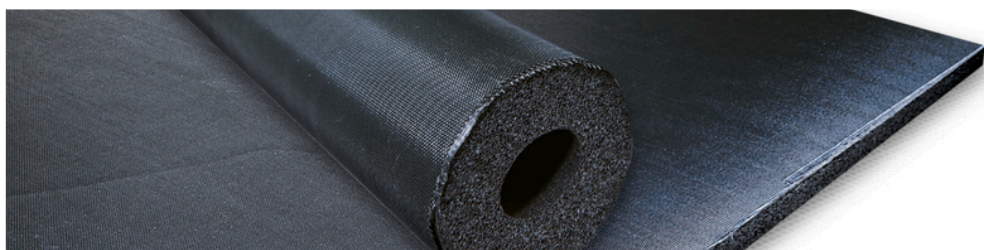
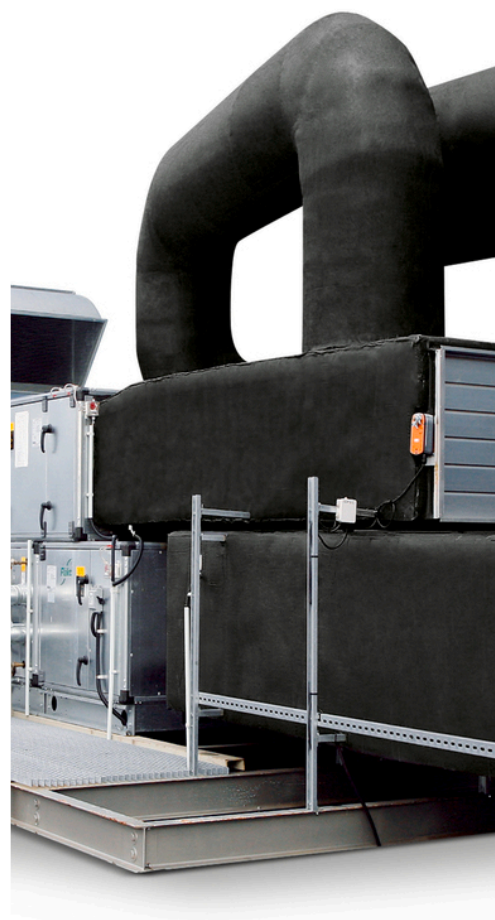
INSTALL IT. SAFEGUARD YOUR
EQUIPMENT.

Arma-Chek D

The durable pre-covered ArmaFlex
system to withstand mechanical stress

- // Strongly reduces risk of damage and risk of corrosion under insulation (CUI)
- // Fast installation thanks to ready combination of insulation with covering
- // Resistant to UV, oil and chemicals

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 **armacell**[®]
ArmaClad[™]

TECHNICAL DATA - ARMA-CHEK D

Brief description	Arma-Chek D is a flexible, woven glass fibre covering system for long term mechanical protection of ArmaFlex substrates.
Product colour range	Black
Product range	Arma-Chek D is available in a range of pre-covered tubes & sheets, as well as single covering.
Applications	Insulation and protection of pipes, ducts, valves and vessels of refrigeration & air conditioning equipment, clean rooms etc.
Installation	The ArmaFlex and ArmaClad Arma-Chek installation manuals should be consulted before assembly. We offer special installation courses for the application of ArmaClad Arma-Chek.
Remarks	Declaration of Performance is available in accordance with Article 7(3) of Regulation (EU) No 305/2011 on our homepage.

Property	Value / Assessment		Standard / Test method
Temperature range			
Service temperature ^{1,2}	Min. °C	Max. °C ³	EN 14304, EN 14706, EN 14707
	-50	110	
	Remarks	+85 °C if sheet or tape is glued to the object with its whole surface	
Thermal conductivity			
Remarks	Depends on ArmaFlex substrate.		EN ISO 13787, EN 12667, EN ISO 8497
Fire Performance and Approvals			
Reaction to fire	Arma-Chek D (AF) E		EN 13823, EN ISO 11925-2
Resistance to water vapour			
Water vapour diffusion resistance factor	Sheets and tubes μ ≥ 15.000.		EN 13469, EN 12086
Physical attributes			
Density	1200 kg/m³ (covering)		EN 822, EN 823, EN 13467
Dimensions and tolerances	In acc. with EN 14304, Table 1 (ArmaFlex substrate)		
Mechanical properties			
Resistance to mechanical impact	Good		
Acoustic performance			
Reduction of structure-borne sound transmission	Depends on ArmaFlex substrate.		
Weather and UV resistance			
UV resistance ⁴	Excellent		EN ISO 4892-2
Health and environment			
Health aspects	Dust- and fibre-free.		
Other technical features			
Shelf life	Tape, sheets, tubes, self-adhesive: 1 year		
Storage	To be stored in dry, clean rooms at normal relative humidity (50% to 70%) and ambient temp. [0°C–35°C].		

¹When there are fluctuations in temperature, the surface may wrinkle slightly, as elastomeric products expand and contract in these circumstances. However, these superficial changes do not have any impact on the performance of the material. The wrinkles usually disappear as soon as the plant is heated to its original operating temperature.

²For temperatures below -50 °C please contact our Customer Service Centre to request for the corresponding technical information.

³+85 °C, for products with a self-adhesive layer.

⁴In outdoor applications the colour may fade. This does not have any impact on the functionality of the covering or the insulation material.

OUR CUSTOMERS EXPECT THE BEST. WE WORK HARD TO GO BEYOND THAT AND EXCEED THEIR EXPECTATIONS.

At Armacell we want to create a unique customer experience. We understand the challenges of today's construction industry and support you in the successful delivery of your projects. From planning to delivery, our 360° service supports you throughout the entire process.



SERVICE AND TECHNICAL INFORMATION AVAILABLE 24/7

At Armacell, we do everything we can to ensure your project runs smoothly. This is why the information about the Armacell services you benefit from is available 24/7 from Armacell.com website as well as from our planning tools (BIM, specification documents, ArmaWin, as well as our sustainable building policy)

DEDICATED LOCAL CONTACTS

We aim to create open lines of communication with our customers. From on-site trainings and webinars by our Armacell technical experts advising on project planning and safety instructions to our local dedicated sales and customer services, your local Armacell dedicated team is working in partnership with you to achieve more together.

DIGITAL INFORMATION FLOWS

From order to delivery, we also provide you with digital information flows such as EDI and other well-known data formats that are widely used in the construction sector worldwide.



OUR STANDARD LOGISTICS SERVICES INCLUDE

- // Material ordered will be shipped from our facilities within 48 hours after order confirmation
- // Full truck loads and full pallets (not mixed – 1 SKU per pallet)
- // List prices in this document are based on Ex Works
- // Container loading with standard goods
- // Customs clearance (including documentation) for standard deliveries outside EU
- // Dangerous goods process for road freight

WE GO BEYOND STANDARD SERVICES AND ALSO PROPOSE YOU ADDITIONAL SERVICES*

OPIMISED PACKAGING

- Edge protection
- Strapping
- Doubled stretching
- Reinforced cardboard with extra layer
- Additional warning tape

LABELLING

- Extra label for transport instructions

EXTRA DELIVERY SERVICES

- Just in time delivery
- Delivery with lifting platform for partial or complete load
- Express and direct shipments
- Booking a delivery time slot via your EDP system
- Forklift truck for unloading at construction site
- Air and sea freight deliveries
- Dangerous goods shipment process for air and sea freight



To mitigate cost increases and reduce waste generation, we also propose a pallet return service* by which pallets can be handed at Armacell collection points.

* Please contact your local Customer Service Centre to see which of these services apply to your country.

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.

At Armacell, your trust means everything to us, so we want to let you know your rights and make it easier for you to understand what information we collect and why we collect it. If you would like to find out about our processing of your data, please visit our Data Protection Policy.

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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