



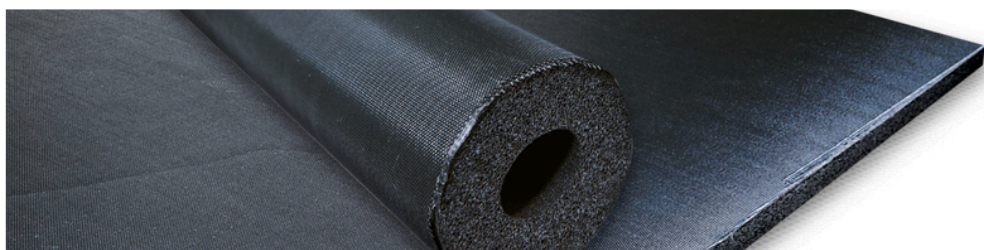
INSTALL IT. SAFEGUARD YOUR  
EQUIPMENT.

# 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**<sup>®</sup>  
ArmaClad<sup>™</sup>

## 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
<b>Temperature range</b>		
Service temperature <sup>1,2</sup>	Min. °C	Max. °C <sup>3</sup>
	-50	110
	Remarks	+85 °C if sheet or tape is glued to the object with its whole surface
<b>Thermal conductivity</b>		
Remarks	Depends on ArmaFlex substrate.	EN ISO 13787, EN 12667, EN ISO 8497
<b>Fire Performance and Approvals</b>		
Reaction to fire	Arma-Chek D (AF) E	EN 13823, EN ISO 11925-2
<b>Resistance to water vapour</b>		
Water vapour diffusion resistance factor	Sheets and tubes $\mu \geq 15.000$ .	EN 13469, EN 12086
<b>Physical attributes</b>		
Density	1200 kg/m <sup>3</sup> (covering)	
Dimensions and tolerances	In acc. with EN 14304, Table 1 (ArmaFlex substrate)	EN 822, EN 823, EN 13467
<b>Mechanical properties</b>		
Resistance to mechanical impact	Good	
<b>Acoustic performance</b>		
Reduction of structure-borne sound transmission	Depends on ArmaFlex substrate.	
<b>Weather and UV resistance</b>		
UV resistance <sup>4</sup>	Excellent	EN ISO 4892-2
<b>Health and environment</b>		
Health aspects	Dust- and fibre-free.	
<b>Other technical features</b>		
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).	

<sup>1</sup>When 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.

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

<sup>3</sup>+85 °C, for products with a self-adhesive layer.

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