



INSTALL IT. SAFEGUARD YOUR
EQUIPMENT.

Arma-Chek Wrap

Fast and flexible covering solution

- // Quick & easy installation
- // High mechanical resistance
- // Self-welding covering

www.armacell.com



 **armacell**[®]
ArmaClad[™]

INSTALL IT. SAFEGUARD YOUR EQUIPMENT.



Arma-Chek Wrap



**QUICK AND
EASY TO INSTALL**



**HIGH MECHANICAL
RESISTANCE**



SPACE-SAVING



**WEATHER-RESISTANT –
SUITABLE EVEN FOR OUTDOOR
APPLICATIONS**



SUSTAINABLE

Claddings have come a long way from rigid jackets to flexible coverings. With Arma-Chek Wrap, protecting technical insulation from mechanical impact and weathering has now become even easier and faster.

// QUICK AND EASY TO INSTALL

It could not be any easier:

Arma-Chek Wrap is simply wound



around the insulated pipe with an overlap of 20 mm. The self-welding material

bonds to the surface of the insulation without any further action. The best part: It does not vulcanize immediately, but the installation can still be adjusted within 10 to 20 minutes after application. A knife or scissors is all you need for installation.

// HIGH MECHANICAL RESISTANCE

Arma-Chek Wrap offers the perfect combination of high flexibility and mechanical strength. Unlike rigid jacketing systems, the flexible material recovers from mechanical impact without any dents, which could lead to a compression of the insulation underneath and condensation on the pipe.

// SPACE-SAVING

The super-flexible covering allows easy application even in the tightest spaces and under difficult building situations. What's more: As the black covering material is highly absorptive, thinner insulation thicknesses can be specified to prevent condensation.

// WEATHER-RESISTANT – SUITABLE EVEN FOR OUTDOOR APPLICATIONS

Arma-Chek Wrap is UV- and weather-resistant. It is rainproof and resistant to the majority of chemicals. Whether protecting insulated pipes, ducts, elbows, flanges or T-pieces, Arma-Chek Wrap is versatile and can be installed on various technical insulation materials. It is the ideal solution when a quick fix is needed.

Sustainable solution:

Arma-Chek Wrap is 100 percent recyclable and free of halogens, silicone and solvents.



TECHNICAL DATA - ARMA-CHEK WRAP

Brief description	Arma-Chek Wrap is a new self-welding material utilized for cladding of technical insulation on any building equipment and industrial applications.
Material type	High performance polymer based on polyisobutylene.
Additional material information	Self-welding. Provides very good UV stability and weather resistance in all environments.
Product colour range	Black / Anthracite
Applications	Protection of pipes, ducts, valves and vessels of refrigeration and air conditioning equipment, clean room environments, food industries etc.
Installation	Arma-Chek Wrap is a self-welding cladding material that does not require any additional adhesive or tape for installation. The material is wrapped around the insulated surface and overlapping the edges. Arma-Chek Wrap can be applied on various insulation materials like fibrous (e.g. mineral wool, stone wool..) and cellular (flexible elastomeric foams..) insulation materials. The self-welding properties of the material allow it to stick to itself, creating a secure and tight seal. Suitable for the use of underground and underwater applications.

Property	Value / Assessment		Standard / Test method
Temperature range			
Service temperature	Min. °C	Max. °C	EN 14706, EN 14707, EN 14304
	-40	100	
Fire Performance and Approvals			
Reaction to fire	Euroclass E		EN 13501-1, EN 13823, EN ISO 11925-2
Resistance to water vapour			
Water vapour diffusion resistance factor	water vapour diffusion tight.		EN 12086, EN 13469
Water vapour transmission rate (SD value)			DIN EN 1931.
Physical attributes			
Mass per unit area	1,5 (kg/m2) +/- 0,2 kg		
Density	1,5 (g/cm3) +/- 0,2 g		EN ISO 1183
Dimensions and tolerances	width: 70, 250, 500, 750, 1050 mm length: 10 m +/- 0,30 m thickness: 1 mm +/- 0,1 mm		EN 822, EN 823
Weather and UV resistance			
UV resistance	Very high - Approved for outdoor application		ISO 4982
Health and environment			
Green building assessment	Meets the sustainable construction requirements for LEED v4.1, BREEAM international and DGNB QS4 Platin and BNB QN5.		
Additional features	SCCP, MCCP, LCCP-free		
Other technical features			
Application conditions	Between 0°C and +40°C.		
Disposal and recycling	100% recyclable.		
Storage	Can be stored in dry, clean rooms at normal relative humidity (50% to 70%) and ambient temperature (0 °C – 40 °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.

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.

Trademarks followed by © or ™ are trademarks of the Armacell Group. © Armacell, 2024. All rights reserved.

ArmaClad | Arma-Chek Wrap | TDS | 012025 | en-GB

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 25 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