



INSTALL IT. SAFEGUARD YOUR EQUIPMENT.

# Arma-Chek Wrap

Fast and flexible covering solution

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



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

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# 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
<b>Temperature range</b>		
Service temperature	Min. °C -40	Max. °C 100
		EN 14706, EN 14707, EN 14304
<b>Fire Performance and Approvals</b>		
Reaction to fire	Euroclass E	EN 13501-1, EN 13823, EN ISO 11925-2
<b>Resistance to water vapour</b>		
Water vapour diffusion resistance factor	water vapour diffusion tight.	EN 12086, EN 13469
<b>Physical attributes</b>		
Mass per unit area	1,5 (kg/m <sup>2</sup> ) +/- 0,2 kg	
Density	1,5 (g/cm <sup>3</sup> ) +/- 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
<b>Weather and UV resistance</b>		
UV resistance	Very high - Approved for outdoor application	ISO 4982
<b>Health and environment</b>		
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	
<b>Other technical features</b>		
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).	

## Arma-Chek Wrap. Black

Item	Thickness [mm]	Width [mm]	Length [m]	EAN	Content [metric]	Content [quantity]
ACH-WP70	1,05	70	10	7612207534221	0.7 m <sup>2</sup>	7 roll
ACH-WP250	1,05	250	10	7612207534207	5 m <sup>2</sup>	2 roll
ACH-WP500	1,05	500	10	7612207534184	5 m <sup>2</sup>	1 roll
ACH-WP750	1,05	750	10	7612207534214	7.5 m <sup>2</sup>	1 roll
ACH-WP1050	1,05	1.050	10	7612207534191	10.5 m <sup>2</sup>	1 roll

## Other information

## Thickness tolerance

+- 5%

## Remarks

Primary content: m<sup>2</sup>/roll

## Adhesives and Cleaners

Item	Description	Content [quantity]
ACH-MASTICD	Black mastic. Sealing compound for installing Arma-Chek outdoors. 290 ml per piece.	12 piece