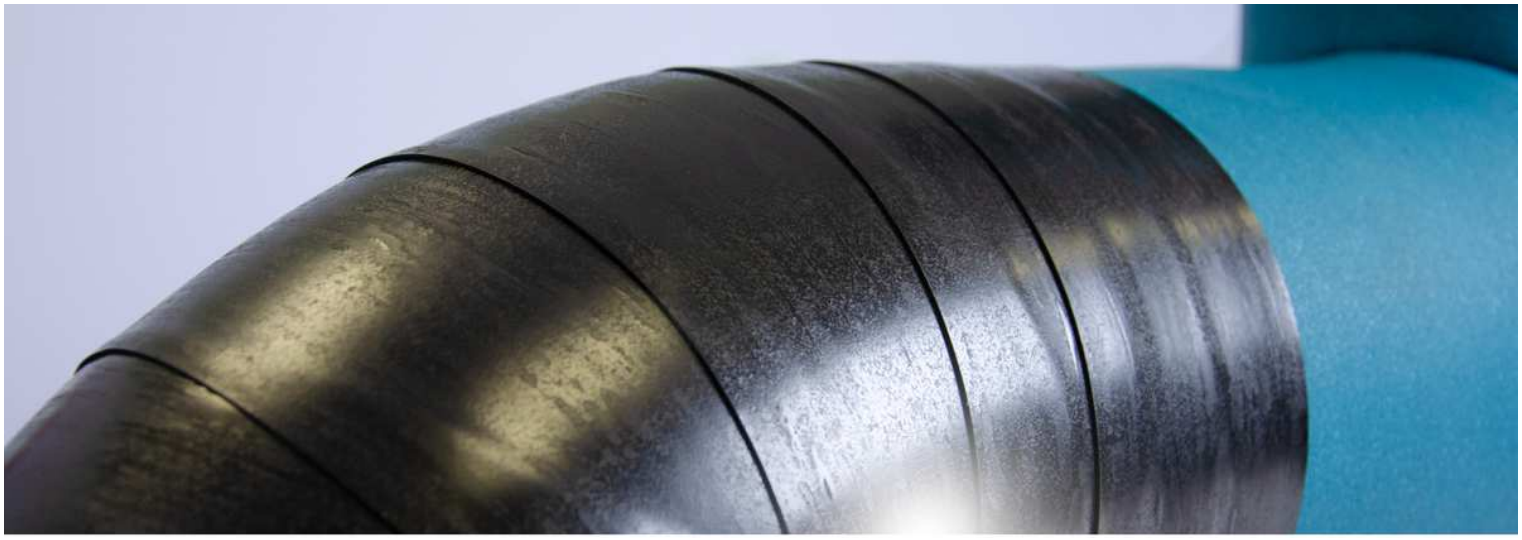


FAST AND FLEXIBLE COVERING SOLUTION

Arma-Chek Wrap



// Quick & Easy Installation
// High Mechanical Resistance
// Self-welding Covering



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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
Special features	Without halogens (chloride, bromide) acc. to DIN / VDE 0472, part 815. Silicon free.
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 unterwater 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
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 4892
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).		

Covering

Item	Thickness [mm]	Width [mm]	Length [m]	Content [metric]	Content [quantity]
ACH-WP70	1.05	70	10	4.9 m²	7 roll
ACH-WP250	1.05	250	10	5 m²	2 roll
ACH-WP500	1.05	500	10	5 m²	1 roll
ACH-WP750	1.05	750	10	7.5 m²	1 roll
ACH-WP1050	1.05	1,050	10	10.5 m²	1 roll

Other information

Thickness tolerance	+- 5%
Remarks	Primary content: m²/roll

Accessories

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

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.

LOGISTICS



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.

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For more information, please visit:
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