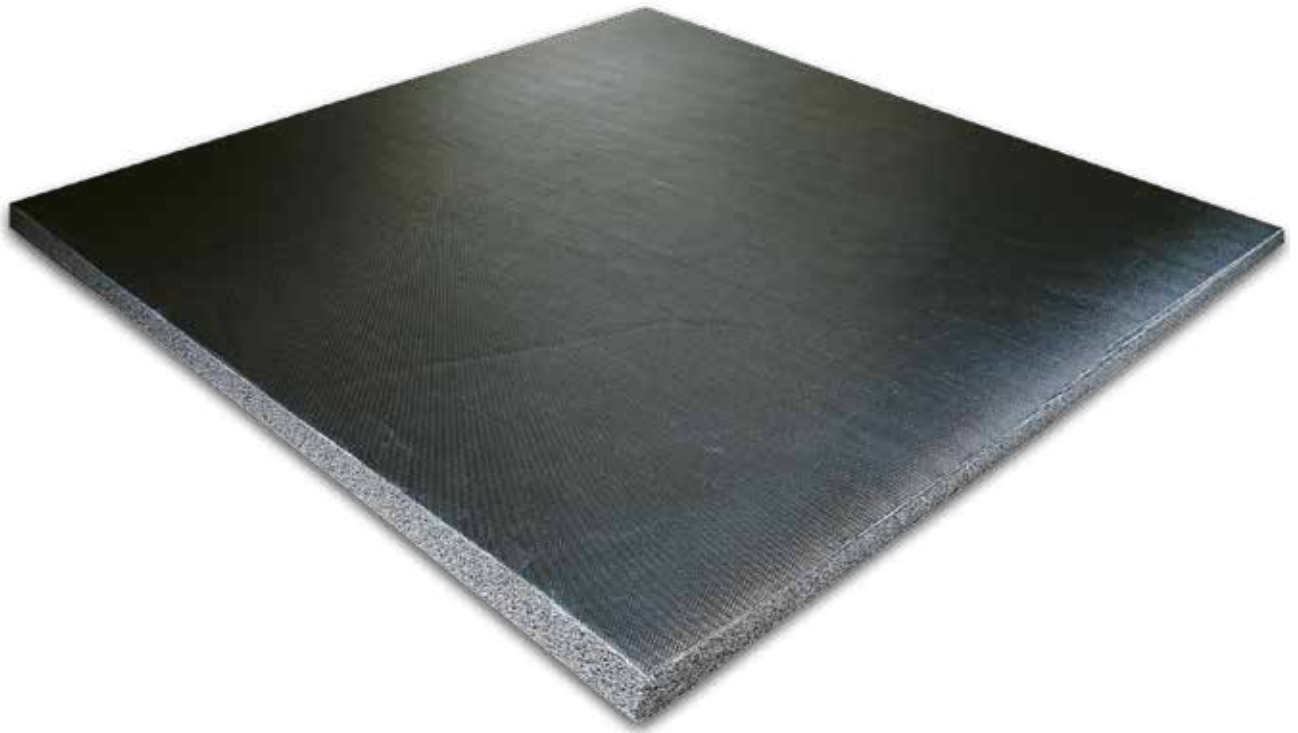


Arma-Chek[®] D



THE DURABLE PRE-COVERED ARMAFLEX SYSTEM TO WITHSTAND MECHANICAL STRESS

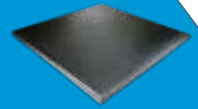
- Strongly reduces the risk of damage and corrosion under insulation (CUI)
- Resistant to UV, oil and chemicals
- Easy to maintain
- No risk of galvanic corrosion
- Strong and resistant surface
- Non-combustible (covering)



RANGE

SHEET

Pre-covered sheet



COVERING



TAPE



MASTIC



RECOMMENDED PRODUCTS

For a complete installation



ArmaFlex 520 adhesive



ArmaFlex RS850 adhesive



ArmaFlex Cleaner

TECHNICAL DATA

Arma-Chek D is a flexible, woven glass fibre covering system for long-term mechanical protection of ArmaFlex substrates.

Material type	Insulation: Highly flexible, closed-cell elastomeric foam material based on synthetic rubber. Covering: woven, glass fibre, flexible material.
Colour	Black (covering)
Applications	Insulation and protection of pipes, ducts, valves and vessels of refrigeration and air conditioning systems, clean room environments, food industries etc.
Assembly	The Armaflex and Arma-Chek installation manuals should be consulted before assembly. We offer special installation courses for the application of Arma-Chek. Please consult our Customer Service centre.
Remarks	Declaration of Performance is available in accordance with article 7(3) of regulation (EU) No 305/2011

Property	Value/Assessment	Test	Standards & Remarks
Temperature Range			
Max service temperature	+110°C for substrate (+85°C if used on flat surfaces)		Tested acc to EN 14706 & EN 14707 & EN 14304 The surface may wrinkle slightly when there are fluctuations in temperature since elastomeric products expand and contract in these circumstances. However, these changes are superficial and do not impact the performance of the material. Wrinkles usually disappear once equipment returns to its original operating temperature.
Min service temperature	-50°C (for temperatures below -50 °C please contact our technical department)		
Thermal Conductivity			
	Depends on the ArmaFlex substrate used.	EU 5688	Tested acc. to EN ISO 8497
Water Vapour Diffusion Resistance			
	Depends on the ArmaFlex substrate used.	EU 5688	Tested acc.to EN ISO 12086 & EN 13469
Fire Performance			
Reaction to fire	Depends on the ArmaFlex substrate used.	EU 5688	Classified acc.to EN 13501-1 Tested acc. to DIN EN 13823 & DIN EN ISO 11925-2
Acoustic performance			
Reduction of structure-borne sound transmission	Depends on the ArmaFlex substrate used.		
Other technical features			
Density	1,200 kgm ³ (covering)		
Dimensions & tolerances	In accordance with EN 14304, table 1 (ArmaFlex substrate)	EU 5688	Tested acc. to EN 822, EN 823 & EN 13467
UV resistance	Good, suitable for outdoor application		Colour may fade when used in outdoor applications. This does not have any impact on the functionality of the covering or the insulation material.
Resistance to mechanical impact	Good		
Health aspects	ODP & GWP rating 0 Dust and fibre free		
Storage & Shelf life	Tape, sheets, tubes, self-adhesive: 1 year		Stored in clean rooms at normal relative humidity (50% to 70%) and ambient temperature (0°C - 35°C)

PRE-COVERED SHEETS (AF/ARMAFLEX)

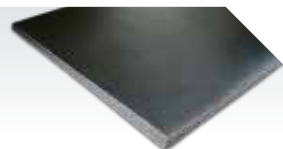
Length - 2m, Colour - Black



Code	Thickness (mm)	Width (m)	Pieces/carton	m ² /carton	
AFD-13MM •	13	0.5	9	9	
AFD-19MM •	19	0.5	7	7	
AFD-25MM •	25	0.5	5	5	

PRE-COVERED SHEETS (NH/ARMAFLEX)

Length - 2m, Colour - Black



Code	Thickness (mm)	Width (m)	Pieces/carton	m ² /carton	
NHD-13-99 •	13	0.5	9	9	
NHD-19-99 •	19	0.5	7	7	
NHD-25-99 •	25	0.5	5	5	

COVERING (ROLLS)

Colour - Black, Woven glass fibre



Code	Width (mm)	Roll Length (m)	Rolls carton	m ² /carton	
ACH-D25 •	1100	25	1	27.5	
ACH-D25/100 •	100	25	3	7.5	

Other information and remarks							
Thickness tolerance for sheet	<table border="0"> <tr> <td>≤ 6mm</td> <td>± 1mm</td> </tr> <tr> <td>7 - 19mm</td> <td>± 1.5mm</td> </tr> <tr> <td>> 19mm</td> <td>± 2mm</td> </tr> </table>	≤ 6mm	± 1mm	7 - 19mm	± 1.5mm	> 19mm	± 2mm
≤ 6mm	± 1mm						
7 - 19mm	± 1.5mm						
> 19mm	± 2mm						
Length tolerance for sheet	± 1.5%						
• Not a stock item							

MASTIC



Code	Description	Pieces/carton	
ACH-MASTICD •	Sealing compound for installing Arma-Chek R, Cartridge 290 ml	12	

TAPE

Colour - Black, Woven glassfibre



Code	Width (mm)	Roll Length (m)	Thickness (mm)	Rolls/carton	
ACH-TAPED2025 •	20	25	0.18	12	
ACH-TAPED5050 •	50	50	0.18	6	
ACH-TAPED10025 •	100	25	0.18	3	

ArmaFlex HT625

THE HIGH TEMPERATURE ADHESIVE FOR USE WITH HT/ARMAFLEX

- Specially formulated for a wide range of temperatures and applications
- Water-tight bonding of HT/ArmaFlex® and ArmaFlex® DuoSolar insulation systems
- For operating temperatures up to +150 °C
- High performance, one component industrial grade adhesive
- Low-viscosity air-drying contact adhesive



ARMAFLEX HT625

One-component adhesive for high temperature applications, specifically developed for HT/ArmaFlex installations but also suitable for all ArmaFlex synthetic rubber based insulation materials.

Material type	Contact adhesive on polychloroprene basis, free of aromatic components.
Colour	Beige
Material special info	Liquid
Applications	Application on pipes and tanks with service temperature up to +150°C. Gluing of HT/ArmaFlex insulation materials and other ArmaFlex synthetic rubber based insulation materials (except ArmaFlex Ultima).
Special features	Specially formulated adhesive for uniform and safe seam bonding of ArmaFlex insulation materials applied on high temperature lines.
Assembly	Please observe our installation instructions/product data sheets. Application temperature: ideally +20°C, not below 0°C. At temperatures below +5°C or high humidity approx above 80%), increased condensation may form on the surfaces to be glued or adhesive films. In these cases bonding is poor or impossible. This can be tested by using absorbent paper (blotting or crepe paper). Work should not be carried out on operating plant or areas exposed to strong sunlight.
Remarks	The adhesive achieves its final strength after 36 hours. Only then should plant be put into operation. Wait 36 hours before applying coatings (exception: ArmaFinish 99), adhesive tape, coverings etc.

TECHNICAL DATA

Temperature Range	
Max service temperature	+150 °C (For temperatures above +110 °C please contact our technical department)
Min service temperature	-50 °C (For temperatures below -50 °C please contact our technical department)
Performance	
Coverage (guidance only)	<p>Minimum consumption with the adhesive applied to both surfaces: ArmaFlex tubes (thickness > consumption unslit > consumption slit)</p> <ul style="list-style-type: none"> • 10mm > 1120m per litre > 140m per litre • 20mm > 280m per litre > 70m per litre • 30mm > 175m per litre > 45m per litre • 40mm > 130m per litre > 35m per litre <p>Sheets</p> <ul style="list-style-type: none"> • 3-4 m² per litre
Storage & shelf life	
	<p>12 months in an unopened container. Do not store with explosive substances / spontaneously combusting substances. Store as cool as possible but protected from frost. In the event of frost any gelification is reversible on warming</p>
Preparation of surfaces	
	<p>Clean surfaces and ArmaFlex surface with ArmaFlex Cleaner. Compatibility with bases:</p> <ul style="list-style-type: none"> • Very good adhesion to metallic surfaces. • The adhesive's compatibility with colour coated surfaces needs to be tested. • Incompatible with Asphalt, bitumen and red lead (linseed oil-based)
Working time	
Drying time	3- 5 mins
Contact adhesion	15 - 20 mins
Setting	36 hours
	The open time depends on the quantity as well as indoor climate conditions. Before operating plant the setting time needs to be allowed to lapse.
Other technical features	
Flash point	approx -26 °C
Explosion limits	Lower: approx 1.1 Vol % Upper: approx 12.8 Vol %
Hazard class	Highly flammable
Ageing stability	Very good
Resistance to weathering	Very good
Recycling	Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company. For details see relevant Safety Data Sheet. Packaging must be emptied of all residues. Packaging with traces of cured product can be recycled. Packaging with uncured product must be recycled into new product.
Transport classes	Depending on the type of transport

ARMAFLEX HT625 ADHESIVE

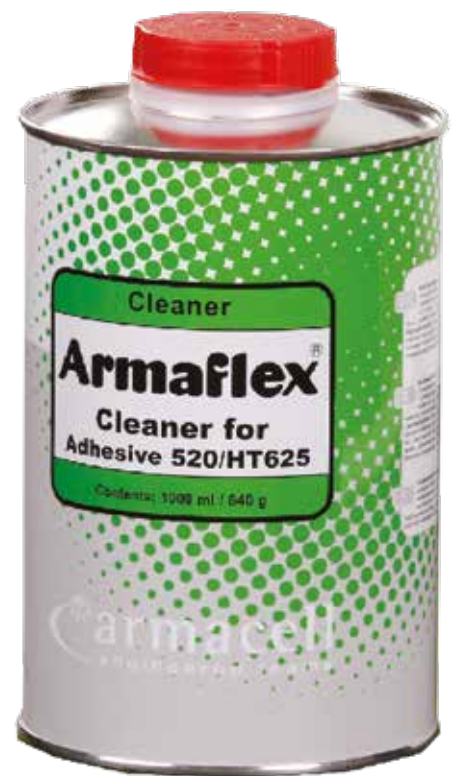


Code	Description	Pieces/carton	£/pc
ADH-HT625/0.25 •	ArmaFlex HT625 one component adhesive, 0.25 Litre can, with brush	40	21.30
ADH-HT625/0.5	ArmaFlex HT625 one component adhesive, 0.5 Litre can, with brush	12	29.35
ADH-HT625/1.0	ArmaFlex HT625 one component adhesive, 1 Litre can, with brush	12	48.53

ArmaFlex Cleaner

SURFACE CLEANER FOR ARMAFLEX INSTALLATIONS

- Ensures a clean surface before the use of ArmaFlex® Adhesives
- Removal of dirt from surfaces
- Cleaning of brushes and tools contaminated with ArmaFlex® adhesive



ARMAFLEX Cleaner Special cleaner for use with all ArmaFlex adhesives	
Colour	Clear
Material special info	Liquid
Applications	Cleaning of surfaces where ArmaFlex is to be installed.
Assembly	To ensure a perfect adhesion all contaminated surfaces, including ArmaFlex, must be cleaned. In addition the cleaner can be used to surfaces where ArmaFinish 99 is being applied.
Remarks	Can also be used to clean tools.

TECHNICAL DATA

Technical features	
Storage & shelf life	12 months sealed in original container. Keep container tightly closed in a cool, well ventilated place. Protect from heat & direct sunlight. Do not store together with explosive substances or spontaneously combusting substances.
Preparation of surfaces	Clean surfaces and ArmaFlex surface with ArmaFlex Cleaner. Compatibility with bases: <ul style="list-style-type: none">• Very good adhesion to metallic surfaces.• The adhesive's compatibility with colour coated surfaces needs to be tested.• Incompatible with asphalt, bitumen and red lead (linseed oil-based)
Flash point	approx -20 °C
Explosion limits	Lower: approx 1% Vol, Upper: approx 13 % Vol. Regulation of inflammable liquids.
Recycling	Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company. For details see relevant Safety Data Sheet. Packaging must be emptied of all residues. Cans must be emptied prior to recycling. Cans containing adhesive must be recycled into new product.
Transport classes	Dependent on the transport sector

ARMAFLEX CLEANER



Code	Description	Pices/carton
CLEANER/1.0	Special cleaner for use with ArmaFlex Adhesive	4