

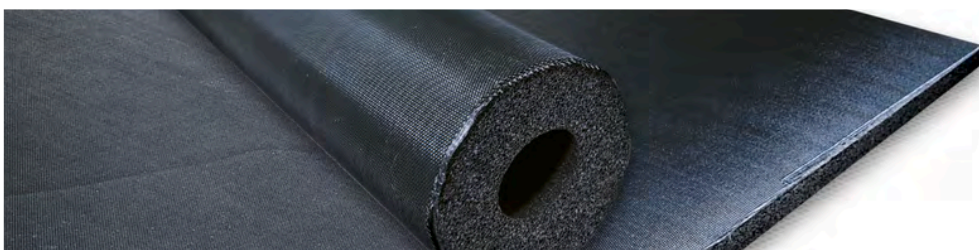


INSTALL IT. SAFEGUARD YOUR EQUIPMENT.

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



 **armacell**[®]
ArmaClad[™]

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

¹When 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.

²For temperatures below -50 °C please contact our Customer Service Center to request for the corresponding technical information.

³In outdoor applications the colour may fade. This does not have any impact on the functionality of the covering or the insulation material.

Tube – precovered and self-seal. Black. Length: 1.0m

AF-2 (insulation thickness: 11.5mm - 16.0mm)					AF-4 (insulation thickness: 17.0mm - 25.0mm)				
Pipe Ø [mm]	Item	Insulation thickness [mm]	EAN	Content [metric]	Pipe Ø [mm]	Item	Insulation thickness [mm]	EAN	Content [metric]
15	AFD-2-015	11,5	7612207397338	65 m	15	AFD-4-015	17,0	7612207397536	44 m
18	AFD-2-018	11,5	7612207261882	60 m	18	AFD-4-018	17,5	7612207397758	35 m
22	AFD-2-022	12,0	7612207261899	50 m	22	AFD-4-022	18,0	7612207262001	30 m
28	AFD-2-028	12,5	7612207261905	42 m	28	AFD-4-028	19,0	7612207262018	24 m
35	AFD-2-035	13,0	7612207261912	31 m	35	AFD-4-035	19,5	7612207262025	18 m
42	AFD-2-042	13,5	7612207261929	24 m	42	AFD-4-042	20,5	7612207262032	16 m
48	AFD-2-048	13,5	7612207261936	22 m	48	AFD-4-048	21,0	7612207262049	12 m
54	AFD-2-054	13,5	7612207261943	18 m	54	AFD-4-054	21,0	7612207262056	12 m
60	AFD-2-060	14,0	7612207261950	16 m	60	AFD-4-060	21,5	7612207262063	10 m
76	AFD-2-076	14,0	7612207261967	14 m	76	AFD-4-076	22,0	7612207262070	8 m
89	AFD-2-089	14,5	7612207261974	11 m	89	AFD-4-089	22,5	7612207262087	6 m
114	AFD-2-114	15,0	7612207305456	8 m	114	AFD-4-114	23,5	7612207292015	5 m

Other information

Length tolerance ± 1.5 %

Remarks No self-seal fastening at the longitudinal seam.

Tube – precovered and self-seal. Black. Length: 1.0m

AF-5 (insulation thickness: 25.0mm - 33.0mm)				
Pipe Ø [mm]	Item	Insulation thickness [mm]	EAN	Content [metric]
18	AFD-5-018	25,0	7612207262094	21 m
22	AFD-5-022	25,0	7612207262100	18 m
28	AFD-5-028	25,0	7612207262117	18 m
35	AFD-5-035	27,0	7612207262124	12 m
42	AFD-5-042	27,0	7612207262131	11 m
48	AFD-5-048	27,5	7612207262148	8 m
54	AFD-5-054	28,5	7612207262155	8 m
60	AFD-5-060	29,0	7612207262162	6 m
76	AFD-5-076	30,0	7612207262179	5 m
89	AFD-5-089	30,5	7612207262186	4 m
114	AFD-5-114	31,5	7612207309713	3 m

Other information

Length tolerance ± 1.5 %

Remarks No self-seal fastening at the longitudinal seam.

Sheet – precovered. Length: 2.0m

Item	Insulation thickness [mm]	Width (m)	Length [m]	EAN	Content [metric]
AFD-13MM	13	0,5	2,0	7612207262711	9 m ²
AFD-13MM-W	13	1,0	2,0	7612207281040	24 m ²
AFD-19MM	19	0,5	2,0	7612207262735	7 m ²
AFD-19MM-W	19	1,0	2,0	7612207281057	16 m ²
AFD-25MM	25	0,5	2,0	7612207262759	5 m ²

Sheet – precovered. Length: 2.0m

Item	Insulation thickness [mm]	Width [m]	Length [m]	EAN	Content [metric]
AFD-25MM-W	25	1,0	2,0	7612207281064	12 m ²
Other information					
Thickness tolerance	≤ 6 mm: ±1,0 mm 7 -19 mm: ±1,5 mm > 19 mm: ±2,0 mm				
Length tolerance	± 1,5 %				

Covering. Woven glass fibre

Item	Width [mm]	Length [m]	EAN	Content [metric]	Content [quantity]
ACH-D25	1.100	25	7612207118971	27.5 m ²	1 roll
ACH-D25/100	100	25	7612207118988	7.5 m ²	3 roll

Accessories. For Arma-Chek D

Item	Description	EAN	Content [quantity]
ACH-MASTICD	Black mastic. Sealing compound for installing Arma-Chek outdoors. 290 ml per piece.	7612207190519	12 piece
ACH-TOOL	Tooling to closure foils	7612207459937	1 piece

Tape – self-adhesive. Woven glass fibre

Item	Thickness [mm]	Width [mm]	Length [m]	Content [quantity]
ACH-TAPED2025	0,18	20	25	12 roll
ACH-TAPED5050	0,18	50	50	6 roll
ACH-TAPED10025	0,18	100	25	3 roll