

# AF/Armaflex®

THE FLEXIBLE INSULATION SYSTEM FOR  
RELIABLE CONDENSATION CONTROL,  
TRUSTED SINCE 40 YEARS



- Built in water vapor barrier reduces risk of corrosion under insulation (CUI)
- Highest system reliability when installed with Armafix AF and Adhesives by certified installers
- Stable thermal conductivity for long term energy efficiency
- Built-in Microban® antimicrobial protection reduces mould and bacteria growth
- Self-Adhesive tubes with tangential cut for stronger adhesion
- Euroclass B/B<sub>L</sub>-s3, d0 for entire range
- FM and UL approved





## \*10-YEAR SYSTEM WARRANTY

The Armaflex System Warranty is a partner scheme in which trained and certified insulation companies receive a warranty of up to ten years instead of the two-year warranty period.

This concept, which is unique in the market, gives the certified companies a direct competitive advantage when submitting tenders. What's more, specifiers, trade partners and clients benefit from the seal of quality, too.

For more information, please visit: <https://arma.link/>

## TRUSTED SINCE 50 YEARS

With a combination of internal and externally monitored technical values we offer consistently high-quality products. This is the result of 50 years experience and continual research and further development of the product properties which determine the quality. Since AF/Armaflex is distributed throughout Europe, it does not just comply with national standards and controls but we are also thinking ahead, preparing for the future European product and testing standards.

The combination of high  $\mu$ -value, low  $\lambda$ -value and the engineered wall thickness of AF/Armaflex not only ensures reliable protection against condensation, but also meets the most stringent energy-saving regulations, contributing to an optimal energy efficiency of the installation.



## COMPLETE SYSTEM

Armacell offers a complete carefully considered and coordinated system solution for any professional insulation challenge: AF/Armaflex standard, self-adhesive and endless tubes and sheets, tape and accessories. Armafix AF pipe supports to avoid thermal bridging, Armaflex Protect fire barrier as well as AF/Armaflex with Arma-Chek flexible covering systems. The wide range of specially developed accessories such as the new generation of adhesives and the Armaflex Toolbox for applying Armaflex insulation materials make installation even easier.

At [www.armacell.com](http://www.armacell.com) you will find in the Refrigeration & Air-Conditioning section under AF/Armaflex ready-made **specification texts** to download and use.

**ArmWin** is the technical calculation program of Armacell. This allows you to determine i.a. the correct insulation thickness to prevent condensation and to minimize energy losses.

**Application trainings:** We train insulation contractor and offer valuable assistance for your daily work. A successful participation in a training, we certify with one in the Industry recognized certificate.

All services around our products you will find at **[www.armacell.com](http://www.armacell.com)**





## PRE-FORMED PARTS

The AF/Armaflex elbows and t-pieces offer you additional installation time savings. The pre-formed parts match the Armaflex tubes perfectly and complete the system.



## TRIPLE SECURITY

AF/Armaflex is the professional flexible insulation for reliable continuous condensation control. The optimal combination of a very low thermal conductivity and extremely high resistance to water vapour transmission prevents long-term energy losses and water vapour ingress and reduces the risk of corrosion under insulation.



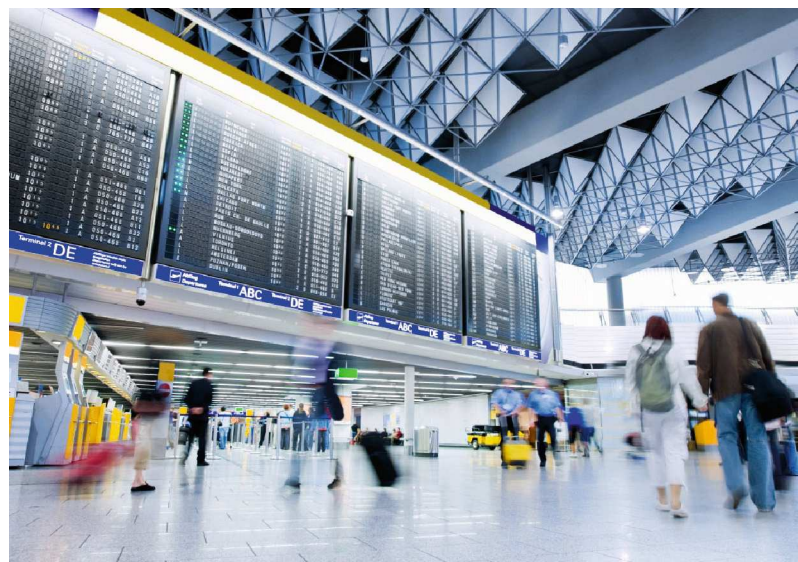
## AF/ARMAFLEX ACTIVE MICROBAN® ANTIMICROBIAL PROTECTION

An EPA (Environmental Protection Agency, US) survey indicates that conditioned areas are frequently breeding havens for microbes and contamination. Indoor air can be up to 10 times more polluted than outdoor air. Microbial pollution is a key element of indoor air pollution. Microbes, which can be found in and on HVAC systems, include stain and odor causing bacteria, mould and mildew. These microbes subsequently emit spores, cells, fragments and volatile organic compounds (VOC) into indoor air, thus possibly contributing to the well-known sick building syndrome. Mould and mildew additionally initiate the biological or chemical degradation of materials.

AF/Armaflex is the first flexible insulation material equipped with MICROBAN® technology. When microbes come in contact with the insulation surface, MICROBAN® protection penetrates the cell wall of the microorganism, disabling its ability to function, grow and reproduce. Because the protection is built in during the manufacturing process, it will not wash off or wear away. This gives AF/Armaflex products an added level of protection against mould and mildew and is therefore the ideal long-term solution for insulating ventilation or air-conditioning equipment in public buildings such as schools, hospitals, elderly homes, offices and airports, as well as the mechanical systems in the pharmaceutical or food industries.



PROTECTION THAT LIVES ON  
**MICROBAN®**



## Technical Data - AF/Armaflex

Brief description	Highly-flexible, closed-cell insulation material with high water vapour diffusion resistance, low thermal conductivity and built-in Microban® antimicrobial protection.
Material type	Elastomeric foam based on synthetic rubber. Factory made flexible elastomeric foam (FEF) according to EN 14304.
Colour	black
Material Special Information	Self-adhesive coating: pressure-sensitive adhesive coating on modified acrylate basis with mesh structure, covered with polyethylene foil. Traces of silicon can be found on the protection paper/foil used to protect self-adhesive closures.
Applications	Insulation / protection for pipes, air ducts, vessels (incl. elbows, fittings, flanges etc.) of air-conditioning / refrigeration and process equipment to prevent condensation and save energy. Structure-borne noise reduction in service-water and waste-water installations.
Special Features	Increasing insulation wall thicknesses for tubes ensures that the surface temperature is maintained as the pipe diameter is increased.
Safety and Environment	Type III Environmental Product Declaration (EPD): Declaration number "EPD-ARM-20150060-IBB1-DE", Institut Bauen und Umwelt e.V. (IBU)
Remarks	Declaration of Performance is available in accordance with Article 7(3) of Regulation (EU) No 305/2011 on our homepage: <a href="http://www.armacell.com/DoP">www.armacell.com/DoP</a>

Property	Value/Assessment	Test <sup>1</sup>	Super-vision <sup>2</sup>	Special Remark
Temperature Range				
Temperature Range	max. service temperature + 110 °C  min. service temperature <sup>1</sup> -50 °C	(+ 85 °C if sheet or tape is glued to the object with its whole surface.)  EU 5661	o/●	Tested acc. to EN 14706, EN 14707 and EN 14304
Thermal Conductivity				
Thermal Conductivity	$\vartheta_m$ +/-0 °C λ = Tubes (AF-1 to AF-4) λ ≤ 0,033 W/(m · K) [33 + 0,1 · $\vartheta_m$ + 0,0008 · $\vartheta_m^2$ ]/1000 Tubes (AF-5 to AF-6) λ ≤ 0,036 W/(m · K) [36 + 0,1 · $\vartheta_m$ + 0,0008 · $\vartheta_m^2$ ]/1000 Sheets, strips, tape (AF-03MM to AF-32MM) λ ≤ 0,033 W/(m · K) [33 + 0,1 · $\vartheta_m$ + 0,0008 · $\vartheta_m^2$ ]/1000 Sheets (AF-50MM) λ ≤ 0,036 W/(m · K) [36 + 0,1 · $\vartheta_m$ + 0,0008 · $\vartheta_m^2$ ]/1000	EU 5661	o/●	Declared acc. to EN ISO 13787 Tested acc. to EN 12667 EN ISO 8497
Water vapour diffusion resistance				
Water vapour diffusion resistance	Sheets (AF-10MM to AF-32MM) and tubes (AF-1 to AF-4) μ ≥ 10.000 Sheets (AF-50MM) and tubes (AF-5 to AF-6) μ ≥ 7.000	EU 5661	o/●	Tested acc. to EN 12086 and EN 13469
Fire performance				
Reaction to fire	tubes B <sub>L</sub> -s3, d0 sheets B <sub>L</sub> -s3, d0 (Z-56.269.3530) tape B / B <sub>L</sub> -s3, d0 (Z-56.269.768) B-s3,d0 (Z-56.269.768)	EU 5661	o/●	Classified acc. to EN 13501-1 Tested acc. to EN 13823 EN ISO 11925-2
Other Fire Class	UL - approved  FM - approved  Ship Building low-flammable - 2010 FTP-Code	UL: EU 5837 FM: EU 5607 Ship Building: D2406, D 5555, EU 5474	o/●	UL: Tested according to UL94, IEC 60695 and Can/CSA-C.22.2 No0.17, UL 746C FM: Tested according to UBC26-3, Class No.4924 Ship Building: Classified acc. to MED 96/98/EC MODULE D
Practical Fire Behaviour	Self-extinguishing, does not drip, does not spread flames			
Fire resistance of structural element	EI 30 - EI 90	EU 5661 EU 5584		Classified acc. to EN 13501-2 Tested acc. to EN 1366-3
Acoustic Performance				
Reduction of structure-borne sound transmission	Insulation effect	D 3660		Tested acc. to DIN 52219 and EN ISO 3822-1

## Technical Data - AF/Armaflex

Weighted sound absorption coefficient $\alpha_w$	$\leq 0,45$	D 4763		Tested acc. to EN ISO 354
Other technical features				
Dimensions and tolerances	In accordance with EN 14304, table 1	EU 5661	○/●	Tested acc. to EN 822, EN 823, EN 13467
UV resistance <sup>2</sup>	Protection against UV-radiation is necessary.			
Storage & Shelf life	Self-adhesive tapes, self-adhesive sheets, self-adhesive tubes, stripes: 1 year			Can be stored in dry, clean rooms at normal relative humidity (50% to 70%) and ambient temperature (0 °C – 35 °C).
Antimicrobial behaviour	In-built Microban® active antimicrobial protection: No fungal growth observed	D 4640 D 4641		Tested acc. to EN ISO 846 (VDI 6022)

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

2. If Armaflex is applied under UV-radiation the material must be protected within 3 days with a covering.

\*1 Further documents such as test certificates, approvals and the like can be requested using the registration number given.

\*2 ●: Official supervision by independent institutes and /or test authorities

○: Own in-factory quality monitoring

All data and technical information are based on results achieved under typical application conditions. Recipients of this information should, in their own interest and responsibility, clarify with us in due time whether or not the data and information apply to the intended application area. Installation instructions are available in our Armaflex installation manual. Please consult our sales representatives before insulating stainless steels. For some refrigerants the discharge temperature may exceed +110 °C, please consult our sales representatives for further information.

## AF/Armaflex tubes



Length 2,0 m, Color black

Pipe max. Outside- Ø [mm]	Inner Ø min/ max mm	AF-1 insulation thickness 7,0 mm - 10,0 mm			AF-2 insulation thickness 9,5 mm - 16,0 mm		
		Insulation thickness [mm]	Code	m/carton	Insulation thickness [mm]	Code	m/carton
6	7,0 - 8,5	7,0	<b>AF-1-006</b>	360	9,5	<b>AF-2-006</b>	288
8	9,0 - 10,5	7,0	<b>AF-1-008</b>	310	10,0	<b>AF-2-008</b>	240
10	11,0 - 12,5	7,5	<b>AF-1-010</b>	300	11,0	<b>AF-2-010</b>	170
12	13,0 - 14,5	7,5	<b>AF-1-012</b>	234	11,0	<b>AF-2-012</b>	168
15	16,0 - 17,5	8,0	<b>AF-1-015</b>	192	11,5	<b>AF-2-015</b>	130
18	19,0 - 20,5	8,0	<b>AF-1-018</b>	140	11,5	<b>AF-2-018</b>	120
22	23,0 - 24,5	8,5	<b>AF-1-022</b>	132	12,0	<b>AF-2-022</b>	100
25	26,0 - 27,5	8,5	<b>AF-1-025</b>	108	12,5	<b>AF-2-025</b>	88
28	29,0 - 30,5	8,5	<b>AF-1-028</b>	100	12,5	<b>AF-2-028</b>	84
30	31,0 - 33,0	9,0	<b>AF-1-030 ●</b>	96	12,5	<b>AF-2-030 ●</b>	72
32	33,0 - 35,0	9,0	<b>AF-1-032</b>	84	13,0	<b>AF-2-032</b>	64
35	36,0 - 38,0	9,0	<b>AF-1-035</b>	76	13,0	<b>AF-2-035</b>	62
38	39,0 - 41,0	9,0	<b>AF-1-038 ●</b>	70	-	-	-
40	41,0 - 42,5	-	-	-	13,5	<b>AF-2-040</b>	44
42	43,5 - 45,5	9,0	<b>AF-1-042</b>	60	13,5	<b>AF-2-042</b>	48
45	46,0 - 47,5	9,0	<b>AF-1-045 ●</b>	56	-	-	-
48	49,5 - 51,5	9,0	<b>AF-1-048</b>	50	13,5	<b>AF-2-048</b>	44
50	51,0 - 52,5	-	-	-	13,5	<b>AF-2-050</b>	32
54	55,0 - 57,0	9,0	<b>AF-1-054</b>	48	13,5	<b>AF-2-054</b>	36
57	58,0 - 60,0	9,0	<b>AF-1-057 ●</b>	40	14,0	<b>AF-2-057 ●</b>	34
60	61,5 - 63,5	9,0	<b>AF-1-060</b>	36	14,0	<b>AF-2-060</b>	32
64	65,0 - 67,5	9,5	<b>AF-1-064</b>	32	14,0	<b>AF-2-064</b>	30
70	71,0 - 73,5	9,5	<b>AF-1-070</b>	32	14,0	<b>AF-2-070</b>	28
76	77,0 - 79,5	9,5	<b>AF-1-076</b>	28	14,0	<b>AF-2-076</b>	28
80	81,0 - 84,0	9,5	<b>AF-1-080</b>	24	14,5	<b>AF-2-080</b>	24
89	90,5 - 93,0	9,5	<b>AF-1-089</b>	22	14,5	<b>AF-2-089</b>	22
102	105,0 - 108,0	9,5	<b>AF-1-102</b>	16	14,5	<b>AF-2-102</b>	18
108	109,5 - 113,0	9,5	<b>AF-1-108</b>	16	14,5	<b>AF-2-108</b>	18
110	112,0 - 116,0	9,5	<b>AF-1-110</b>	16	15,0	<b>AF-2-110 ●</b>	16
114	116,0 - 120,0	9,5	<b>AF-1-114</b>	16	15,0	<b>AF-2-114</b>	16
125	127,0 - 131,0	9,5	<b>AF-1-125</b>	12	15,0	<b>AF-2-125</b>	12
133	135,0 - 139,0	-	-	-	15,5	<b>AF-2-133</b>	12
140	142,0 - 146,0	10,0	<b>AF-1-140</b>	12	15,5	<b>AF-2-140</b>	8
160	162,0 - 166,0	10,0	<b>AF-1-160</b>	8	16,0	<b>AF-2-160</b>	8

## AF/Armaflex tubes



Length 2,0 m, Color black

Pipe max. Outside- Ø [mm]	Inner Ø min/ max mm	AF-3 insulation thickness 12,5 mm - 19,0 mm			AF-4 insulation thickness 15,5 mm - 25,0 mm		
		Insulation thickness [mm]	Code	m/carton	Insulation thickness [mm]	Code	m/carton
6	7,0 - 8,5	-	-	-	15,5	<b>AF-4-006</b>	120
10	11,0 - 12,5	12,5	<b>AF-3-010</b>	156	15,5	<b>AF-4-010</b>	110
12	13,0 - 14,5	13,0	<b>AF-3-012</b>	144	16,0	<b>AF-4-012</b>	100
15	16,0 - 17,5	14,0	<b>AF-3-015</b>	108	17,0	<b>AF-4-015</b>	88
18	19,0 - 20,5	14,0	<b>AF-3-018</b>	96	17,5	<b>AF-4-018</b>	70
22	23,0 - 24,5	14,5	<b>AF-3-022</b>	84	18,0	<b>AF-4-022</b>	60
25	26,0 - 27,5	-	-	-	18,5	<b>AF-4-025</b>	56
28	29,0 - 30,5	15,5	<b>AF-3-028</b>	64	19,0	<b>AF-4-028</b>	48
30	31,0 - 33,0	-	-	-	19,0	<b>AF-4-030 •</b>	40
32	33,0 - 35,0	-	-	-	19,5	<b>AF-4-032</b>	40
35	36,0 - 38,0	16,0	<b>AF-3-035</b>	46	19,5	<b>AF-4-035</b>	36
40	41,0 - 42,5	-	-	-	20,5	<b>AF-4-040</b>	32
42	43,5 - 45,5	16,5	<b>AF-3-042</b>	40	20,5	<b>AF-4-042</b>	32
45	46,0 - 47,5	-	-	-	20,5	<b>AF-4-045 •</b>	28
48	49,5 - 51,5	16,5	<b>AF-3-048</b>	32	21,0	<b>AF-4-048</b>	24
50	51,0 - 52,5	-	-	-	21,0	<b>AF-4-050 •</b>	24
54	55,0 - 57,0	17,0	<b>AF-3-054</b>	28	21,0	<b>AF-4-054</b>	24
57	58,0 - 60,0	-	-	-	21,5	<b>AF-4-057 •</b>	20
60	61,5 - 63,5	17,0	<b>AF-3-060</b>	24	21,5	<b>AF-4-060</b>	20
64	65,0 - 67,5	17,0	<b>AF-3-064</b>	20	21,5	<b>AF-4-064</b>	18
70	71,0 - 73,5	17,5	<b>AF-3-070</b>	18	22,0	<b>AF-4-070</b>	16
76	77,0 - 79,5	17,5	<b>AF-3-076</b>	16	22,0	<b>AF-4-076</b>	16
80	81,0 - 84,0	-	-	-	22,5	<b>AF-4-080</b>	16
89	90,5 - 93,0	18,0	<b>AF-3-089</b>	16	22,5	<b>AF-4-089</b>	12
102	105,0 - 108,0	-	-	-	23,0	<b>AF-4-102</b>	10
108	109,5 - 113,0	18,0	<b>AF-3-108</b>	12	23,0	<b>AF-4-108</b>	10
110	112,0 - 116,0	18,0	<b>AF-3-110</b>	12	23,0	<b>AF-4-110</b>	10
114	116,0 - 120,0	18,5	<b>AF-3-114</b>	12	23,5	<b>AF-4-114</b>	10
125	127,0 - 131,0	18,5	<b>AF-3-125 •</b>	12	23,5	<b>AF-4-125 •</b>	8
133	135,0 - 139,0	18,5	<b>AF-3-133</b>	8	24,0	<b>AF-4-133</b>	6
140	142,0 - 146,0	19,0	<b>AF-3-140</b>	8	24,5	<b>AF-4-140</b>	6
160	162,0 - 166,0	19,0	<b>AF-3-160</b>	6	25,0	<b>AF-4-160</b>	6
168	170,0 - 174,0	-	-	-	25,0	<b>AF-4-168</b>	4

## AF/Armaflex tubes



Length 2,0 m, Color black

Pipe max. Outside-Ø [mm]	Inner Ø min/ max mm	AF-5 insulation thickness 25,0 mm - 32,0 mm			AF-6 insulation thickness 32,0 mm - 45,0 mm		
		Insulation thickness [mm]	Code	m/carton	Insulation thickness [mm]	Code	m/carton
10	11,0 - 12,5	-	-	-	32,0	AF-6-010	40
12	13,0 - 14,5	-	-	-	32,0	AF-6-012	36
15	16,0 - 17,5	-	-	-	32,0	AF-6-015	32
18	19,0 - 20,5	25,0	AF-5-018	42	32,0	AF-6-018	32
22	23,0 - 24,5	25,0	AF-5-022	36	33,5	AF-6-022	28
28	29,0 - 30,5	25,0	AF-5-028	36	35,0	AF-6-028	24
30	31,0 - 33,0	26,0	AF-5-030 ●	32	-	-	-
35	36,0 - 38,0	27,0	AF-5-035	24	35,0	AF-6-035	18
42	43,5 - 45,5	27,0	AF-5-042	22	36,5	AF-6-042	16
48	49,5 - 51,5	27,5	AF-5-048	16	37,5	AF-6-048	12
54	55,0 - 57,0	28,5	AF-5-054	16	38,0	AF-6-054	12
57	58,0 - 60,0	-	-	-	38,5	AF-6-057 ●	12
60	61,5 - 63,5	29,0	AF-5-060	12	39,0	AF-6-060	10
64	65,0 - 67,5	29,0	AF-5-064 ●	12	39,5	AF-6-064	10
70	71,0 - 73,5	29,5	AF-5-070 ●	12	40,0	AF-6-070	8
76	77,0 - 79,5	30,0	AF-5-076	10	40,5	AF-6-076	8
89	90,5 - 93,0	30,5	AF-5-089	8	41,5	AF-6-089	6
102	105,0 - 108,0	-	-	-	42,5	AF-6-102 ●	6
108	109,5 - 113,0	31,0	AF-5-108	6	42,5	AF-6-108	4
114	116,0 - 120,0	31,5	AF-5-114	6	43,0	AF-6-114	4
125	127,0 - 131,0	31,5	AF-5-125	6	-	-	-
133	134,0 - 139,0	-	-	-	44,0	AF-6-133 ●	4
140	142,0 - 146,0	32,0	AF-5-140	6	44,5	AF-6-140 ●	4
160	162,0 - 166,0	-	-	-	45,0	AF-6-160 ●	4
168	170,0 - 174,0	32,0	AF-5-168	4	45,0	AF-6-168 ●	4

Length tolerance for tubes

± 1,5 %

Thickness tolerance

AF-1, AF-2: ± 1,0 mm

AF-3, AF-4: ± 1,5 mm

AF-5: ± 2,5 mm

AF-6: ± 3,0 mm

● Item not in stock. Delivery on request. [MTO]

## AF/Armaflex tubes self-adhesive



Length 2,0 m, Color black, tangential cut

Pipe max. Outside-Ø [mm]	Inner Ø min/ max mm	AF-1 insulation thickness 8,0 mm - 9,5 mm			AF-2 insulation thickness 11,5 mm - 14,5 mm		
		Insulation thickness [mm]	Code	m/carton	Insulation thickness [mm]	Code	m/carton
12	12,0 - 14,5	7,5	AF-1-012-A ○	234	11,0	AF-2-012-A ○	168
15	16,0 - 17,5	8,0	AF-1-015-A ○	192	11,5	AF-2-015-A ○	130
18	19,0 - 20,5	8,0	AF-1-018-A	140	11,5	AF-2-018-A	120
22	23,0 - 24,5	8,5	AF-1-022-A	132	12,0	AF-2-022-A	100
28	29,0 - 30,5	8,5	AF-1-028-A	100	12,5	AF-2-028-A	84
30	31,0 - 33,0	9,0	AF-1-030-A	96	12,5	AF-2-030-A ●	72
35	36,0 - 38,0	9,0	AF-1-035-A	76	13,0	AF-2-035-A	62
42	43,5 - 45,5	9,0	AF-1-042-A	60	13,5	AF-2-042-A	48
48	49,5 - 51,5	9,0	AF-1-048-A	50	13,5	AF-2-048-A	44
54	55,0 - 57,0	9,0	AF-1-054-A	48	13,5	AF-2-054-A	36
60	61,5 - 63,5	9,0	AF-1-060-A	36	14,0	AF-2-060-A	32
64	65,0 - 67,5	-	-	-	14,0	AF-2-064-A	30
70	71,0 - 73,5	-	-	-	14,0	AF-2-070-A	28
76	77,0 - 79,5	9,5	AF-1-076-A	28	14,0	AF-2-076-A	28
89	90,5 - 93,5	9,5	AF-1-089-A	22	14,5	AF-2-089-A	22



## AF/Armaflex tubes self-adhesive



Length 2,0 m, Color black, tangential cut

Pipe max. Outside-Ø [mm]	Inner Ø min/ max mm	AF-3 insulation thickness 13,5 mm - 17,5 mm			AF-4 insulation thickness 17,0 mm - 22,5 mm		
		Insulation thickness [mm]	Code	m/carton	Insulation thickness [mm]	Code	m/carton
15	16,0 - 17,5	13,5	AF-3-015-A	108	17,0	AF-4-015-A	88
18	19,0 - 20,5	14,0	AF-3-018-A	96	17,5	AF-4-018-A	70
22	23,0 - 24,5	14,5	AF-3-022-A	84	18,0	AF-4-022-A	60
28	29,0 - 30,5	15,5	AF-3-028-A	64	19,0	AF-4-028-A	48
35	36,0 - 38,0	16,0	AF-3-035-A	46	19,5	AF-4-035-A	36
42	43,5 - 45,5	16,5	AF-3-042-A	40	20,5	AF-4-042-A	32
48	49,5 - 51,5	16,5	AF-3-048-A	32	21,0	AF-4-048-A	24
54	55,0 - 57,0	17,0	AF-3-054-A	28	21,0	AF-4-054-A	24
60	61,5 - 63,5	17,5	AF-3-060-A	24	21,5	AF-4-060-A	20
64	65,0 - 67,5	-	-	-	21,5	AF-4-064-A •	18
70	70,0 - 73,5	-	-	-	22,0	AF-4-070-A	16
76	77,0 - 79,5	17,5	AF-3-076-A	16	22,0	AF-4-076-A	16
89	90,5 - 93,5	17,5	AF-3-089-A	16	22,5	AF-4-089-A	12

Length tolerance for tubes ± 1,5 %

Thickness tolerance  
 AF-1, AF-2: ±1,0 mm  
 AF-3, AF-4: ±1,5 mm

○ In the case of this item the self-adhesive seam is achieved with a radial cut surface.

● Item not in stock. Delivery on request. [MTO]

## AF/Armaflex tubes endless



Pipe max. Outside- Ø [mm]	Inner Ø min/ max mm	AF-1 insulation thickness 7,0 mm - 8,5 mm			AF-2 insulation thickness 9,5 mm - 12,5 mm		
		Insulation thickness [mm]	Code	m/carton	Insulation thickness [mm]	Code	m/carton
6	7,0 - 8,5	7,0	AF-1-006/E	90	9,5	AF-2-006/E	60
8	9,0 - 10,5	7,0	AF-1-008/E	80	10,0	AF-2-008/E	55
10	11,0 - 12,5	7,5	AF-1-010/E	60	11,0	AF-2-010/E	35
12	13,0 - 14,5	7,5	AF-1-012/E	50	11,0	AF-2-012/E	32
15	16,0 - 17,5	8,0	AF-1-015/E	40	11,5	AF-2-015/E	32
18	19,0 - 20,5	8,0	AF-1-018/E	35	11,5	AF-2-018/E	30
22	23,0 - 24,5	8,5	AF-1-022/E	30	12,0	AF-2-022/E	26
28	29,0 - 30,5	8,5	AF-1-028/E	28	12,5	AF-2-028/E	20

Length tolerance for tubes ± 1,5 %

Thickness tolerance  
 ≤ 6 mm: ±1,0 mm  
 7 - 19 mm: ±1,5 mm  
 > 19 mm: ±2,0 mm

## AF/Armaflex sheets



Length 2,0 m, Width 0,5 m, Color black

Code	Insulation thickness [mm]	m <sup>2</sup> /carton
AF-10MM	10,0	13
AF-13MM	13,0	9
AF-16MM	16,0	8
AF-19MM	19,0	7
AF-25MM	25,0	5
AF-32MM	32,0	4
AF-50MM	50,0	3

Length tolerance for sheets ±1,5 %

Thickness tolerance for sheets  
 6 mm: ±1,0 mm  
 7 - 19 mm: ±1,5 mm  
 > 19 mm: ±2,0 mm

Remark One 1m<sup>2</sup> sheet can be replaced by two 0,5 m<sup>2</sup> sheets.

## AF/Armaflex sheets self-adhesive



Length 2,0 m, Width 0,5 m, Color black

Code	Insulation thickness [mm]	m <sup>2</sup> /carton
AF-10MM/A	10,0	13
AF-13MM/A	13,0	9
AF-19MM/A	19,0	7
AF-25MM/A	25,0	5
AF-32MM/A	32,0	4
AF-50MM/A	50,0	3

Length tolerance for sheets

±1,5 %

Thickness tolerance for sheets

6 mm: ±1,0 mm

7 -19 mm: ±1,5 mm

>19 mm: ±2,0 mm

Remark

One 1m<sup>2</sup> sheet can be replaced by two 0,5 m<sup>2</sup> sheets.

## AF/Armaflex sheets endless



Width 1,0 m, Color black

Code	Insulation thickness [mm]	Roll length [m]	m <sup>2</sup> /carton
AF-03MM/E	3,0	30	30
AF-06MM/E	6,0	15	15
AF-10MM/E	10,0	10	10
AF-13MM/E	13,0	8	8
AF-16MM/E	16,0	7	7
AF-19MM/E	19,0	6	6
AF-25MM/E	25,0	4	4
AF-32MM/E	32,0	3	3
AF-50MM/E	50,0	5	5

Length tolerance for sheets

± 1,5 %

Thickness tolerance for sheets

3 mm: +1,5 mm

6 mm: ±1,0 mm

7 -19 mm: ±1,5 mm

> 19 mm: ±2,0 mm

Remark

One 1m<sup>2</sup> sheet can be replaced by two 0,5 m<sup>2</sup> sheets.

## AF/Armaflex sheets endless self-adhesive



Width 1,0 m, Color black

Code	Insulation thickness [mm]	Roll length [m]	m <sup>2</sup> /carton
AF-03MM/EA	3,0	30	30
AF-06MM/EA	6,0	15	15
AF-10MM/EA	10,0	10	10
AF-13MM/EA	13,0	8	8
AF-16MM/EA	16,0	7	7
AF-19MM/EA	19,0	6	6
AF-25MM/EA	25,0	4	4
AF-32MM/EA	32,0	3	3
AF-50MM/EA	50,0	5	5

Length tolerance for sheets

± 1,5 %

Thickness tolerance for sheets

3 mm: +1,5 mm

6 mm: ±1,0 mm

7 -19 mm: ±1,5 mm

> 19 mm: ±2,0 mm

Remark

One 1m<sup>2</sup> sheet can be replaced by two 0,5 m<sup>2</sup> sheets.

## AF/Armaflex stripes self-adhesive



Color black

Code	Width [mm]	Length [m]	Thickness [mm]	Rolls/carton
<b>AF-10MM/E-S100</b>	100,0	10	10	10
<b>AF-10MM/E-S50</b>	50,0	10	10	20
<b>AF-13MM/E-S100</b>	100,0	8	13	10
<b>AF-13MM/E-S50 •</b>	50,0	8	13	20
<b>AF-19MM/E-S100</b>	100,0	6	19	10
<b>AF-19MM/E-S50</b>	50,0	6	19	20
<b>AF-19MM/E-S75 •</b>	75,0	6	19	13

Thickness tolerance for sheets

10 -19 mm:  $\pm 1,5$  mm

• Item not in stock. Delivery on request. [MTO]

## AF/Armaflex tapes self-adhesive



Color black

Code	Width [mm]	Length [m]	Thickness [mm]	Rolls/carton
<b>AF-TAPE-MC</b>	50,0	15	3	12
<b>AF-TAPE-MC/6</b>	50,0	15	3	6