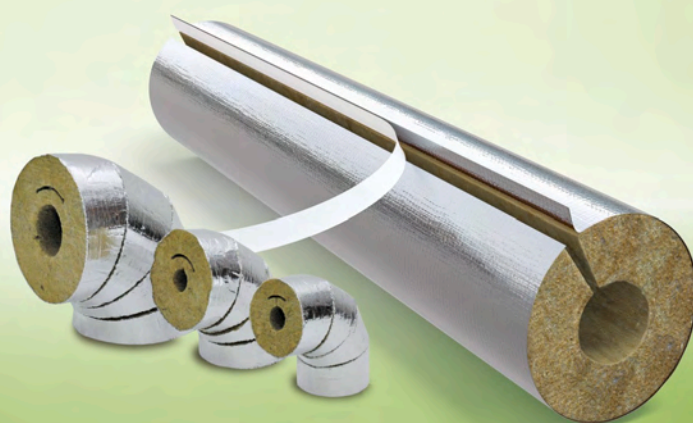




MINERAL FIBRE

MINERAL FIBRE INSULATION WITH
ALUMINUM FOIL



- Non-combustible insulation
- Tear-resistant aluminium jacketing with quick self-adhesive tape
- Silicon-free, rotproof, chemically neutral
- AS-Quality according to AGI Q 132

- Euroclass A2_L-s1,d0
- λ at 40 °C 0,037 resp. 0.038 W/(m•K)

Dämmschichtdicken gemäß EnEV 2016

"Steinwolle Rohrschalen alukaschiert"



Mindestdämmschichtdicken gemäß EnEV 2016

					Anwendungsbereich A (100%)			Anwendungsbereich B (50%)		
Kupferrohre		Stahlrohre			DSD	Steinwolle Rohrschale	Steinwolle Bogen	DSD	Steinwolle Rohrschale	Steinwolle Bogen
Nennweite DN	Außen-Ø mm	Nennweite DN	Außen-Ø mm	Zoll	[mm]	Bestell-Nr.	Bestell-Nr.	[mm]	Bestell-Nr.	Bestell-Nr.
10	15	8	13,5	¼	23	MF-20x015	MFB-20x015	23	MF-20x015	MFB-20x015
15	18	10	17,2	3/8	22	MF-20x018	MFB-20x018	22	MF-20x018	MFB-20x018
20	22	15	21,3	1/2	22	MF-20x022	MFB-20x022	22	MF-20x022	MFB-20x022
		20	26,9	¾	22	MF-20x028	MFB-20x028	22	MF-20x028	MFB-20x028
25	28				34	MF-30x028	MFB-30x028	22	MF-20x028	MFB-20x028
32	35	25	33,7	1	33	MF-30x035	MFB-30x035	20	MF-20x035	MFB-20x035
		32	42,4	1 ¼	40	MF-40x042	MFB-40x042	20	MF-20x042	MFB-20x042
40	42				50	MF-50x042	---	30	MF-30x042	MFB-30x042
		40	48,3	1 1/2	50	MF-50x048	---	30	MF-30x048	MFB-30x048
50	54				60	MF-60x054	---	30	MF-30x054	MFB-30x054
					60	---	---	30	MF-50x057	---
		50	60,3	2	60	MF-60x060	---	30	MF-30x060	---
					70	MF-70x064	---	35	---	---
65	76	65	76,1	2 1/2	90	MF-90x076	---	40	MF-40x076	---
80	89	80	88,9	3	100	---	---	50	MF-50x089	---
100	108				120	---	---	60	MF-60x108	---
		100	114,3	4	---	---	60	MF-60x114	---	
	133				---	---	70	MF-70x133	---	

Dämmschichtdicke 20 - 40 mm: $\lambda_{40^\circ\text{C}} = 0,037 \text{ W/(mK)}$
 Dämmschichtdicke > 40 - 120 mm: $\lambda_{40^\circ\text{C}} = 0,038 \text{ W/(mK)}$



Dämmschichtdicken 20 - 40 mm:
 $\lambda_{40^\circ\text{C}} = 0,037 \text{ W/(mK)}$

Dämmschichtdicke > 40 - 120 mm:
 $\lambda_{40^\circ\text{C}} = 0,038 \text{ W/(mK)}$

Technical Data - Mineral Fibre

Brief description	Pipe section made of mineral wool, cut dimensionally accurately (length 1,000 mm) slit on one side, with foil facing.
Material type	Mineral wool with foil facing. Factory made mineral wool (MW) products according to EN 14303.
Product Range	Pipe section with aluminium foil facing and self-adhesive fastening.
Applications	Insulation / Protection of pipes (heating and hot-water pipes).
Remarks	Declaration of Performance is available in accordance with Article 7(3) of Regulation (EU) No 305/2011 on our homepage: www.armacell.com/DoP "

Property	Value/Assessment						Test ^{*1}	Special Remark	
Temperature Range									
Temperature Range	max. service temperature up to +250 °C						EU 7085	Tested acc. to EN 14707 Value refers to mineral wool.	
Thermal Conductivity									
Thermal Conductivity	ϑ_m		10	40	150	[°C]	EU 7085	Declared acc. to EN ISO 13787 Tested according to EN ISO 8497	
	insulation thickness 20 - 40 mm	$\lambda_{N,R}$	≤	0,034	0,037	0,055			W/(m · K)
	> 40 - 120 mm	$\lambda_{N,R}$	≤	0,035	0,038	0,055			W/(m · K)
Fire performance									
Reaction to fire	Non combustible		A2L-s1,d0				EU 7085	Classified acc. to EN 13501-1 Tested according to EN 13823, EN ISO 1716 EN	
Other Fire Class	Continuous glowing combustion		No glowing				D 5455	DIN 4102	
Other technical features									
Dimensions and tolerances	In accordance with EN 14303, class T8						EU 7085	Tested acc. to EN 13467	
Chemical behaviour	AS-quality chemically neutral, rot-proof, free of silicon substances								
Melting point	> 1000 °C							Value refers to mineral wool.	
Water-soluble chlorides	CL10						EU 7085	Tested acc. to EN 13468	

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

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.

Mineral Fibre tubes [additional table to display with itemgroups of local regulations]



Pipe max. Outside-Ø [mm]	[DE] Field of application B according to EnEV			[DE] Field of application A according to EnEV		
	Insulation thickness [mm]	Code	m/carton	Insulation thickness [mm]	Code	m/carton
15	-	-	-	23,0	MF-20X015	42
18	-	-	-	22,0	MF-20X018	42
18	-	-	-	30,0	MF-30X018	25
20	-	-	-	22,0	MF-20X022	36
22	-	-	-	30,0	MF-30X022	20
28	-	-	-	22,0	MF-20X028	30
28	-	-	-	34,0	MF-30X028	16
35	20,0	MF-20X035	25	33,0	MF-30X035	16
35	-	-	-	40,0	MF-40X035	9
42	20,0	MF-20X042	20	40,0	MF-40X042	9
42	30,0	MF-30X042	12	50,0	MF-50X042 ●	6
48	22,0	MF-20X048 ●	16	50,0	MF-50X048	6
48	30,0	MF-30X048	11	-	-	-
48	40,0	MF-40X048	9	-	-	-
54	30,0	MF-30X054	9	60,0	MF-60x054	4
54	40,0	MF-40X054	6	-	-	-
54	50,0	MF-50X054	5	-	-	-
57	50,0	MF-50X057 ●	5	-	-	-
60	30,0	MF-30X060 ●	9	60,0	MF-60x060	4
60	50,0	MF-50X060	5	-	-	-
64	30,0	MF-30X064 ●	9	70,0	MF-70X064	3
76	40,0	MF-40X076 ●	5	90,0	MF-90X076 ●	1
76	60,0	MF-60X076	4	-	-	-
76	70,0	MF-70X076 ●	2	-	-	-
89	50,0	MF-50x089 ●	4	-	-	-
89	60,0	MF-60X089	2	-	-	-
89	80,0	MF-80X089 ●	2	-	-	-
108	60,0	MF-60X108 ●	1	-	-	-
114	60,0	MF-60X114 ●	1	-	-	-
133	70,0	MF-70X133 ●	1	-	-	-

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

Mineral Fibre bends [additional table to display with itemgroups of local regulations]



Pipe max. Outside-Ø [mm]	[DE] Field of application B according to EnEV			[DE] Field of application A according to EnEV		
	Code	Thickness [mm]	Pieces/carton	Code	Thickness [mm]	Pieces/carton
15	-	-	-	MFB-20X015 ●	23	18
18	-	-	-	MFB-20X018 ●	22	18
18	-	-	-	MFB-30X018 ●	30	18
22	-	-	-	MFB-20X022 ●	22	17
22	-	-	-	MFB-30X022 ●	30	16
28	-	-	-	MFB-20X028 ●	22	15
28	-	-	-	MFB-30X028 ●	34	16
35	MFB-20X035 ●	20	10	MFB-30X035 ●	33	16
42	MFB-20X042 ●	20	8	MFB-40X042 ●	40	9
42	MFB-30X042 ●	30	12	-	-	-
48	MFB-30X048 ●	30	10	-	-	-
48	MFB-40X048 ●	40	6	-	-	-
54	MFB-30X054 ●	30	8	-	-	-
54	MFB-40X054 ●	40	6	-	-	-
54	MFB-50X054 ●	50	5	-	-	-
60	MFB-50X060 ●	50	5	-	-	-

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

Mineral Fibre tapes self-adhesive



Code	Width [mm]	Length [m]	Thickness [mm]	Rolls/carton
OKF-TAPE50100	50,0	100	0.025	6