

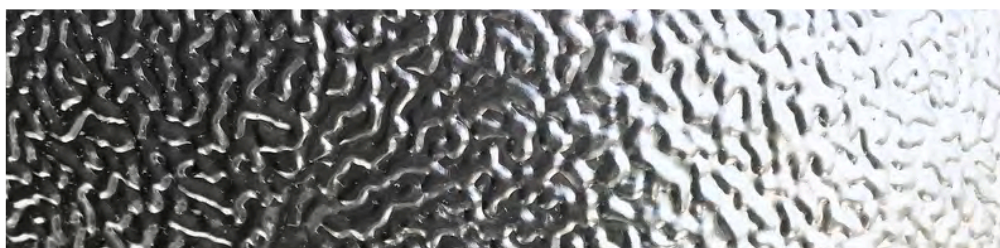
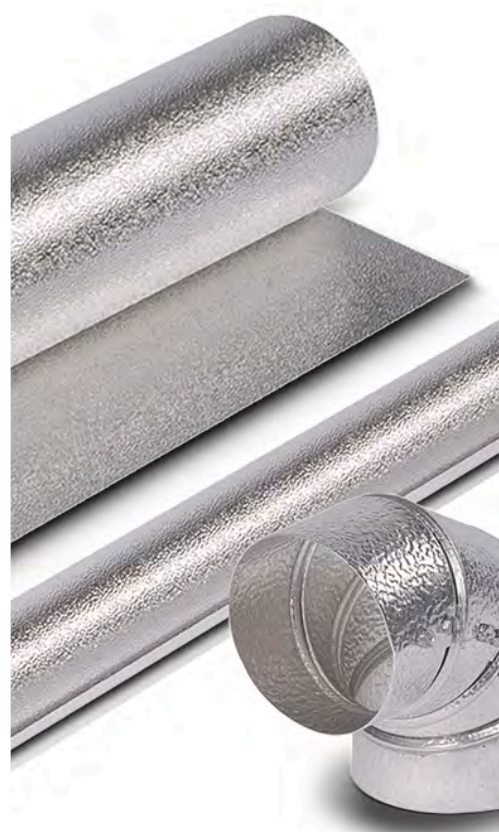


INSTALL IT. SAFEGUARD YOUR EQUIPMENT.

# Okatherm

Alu jacketing system for professional use

- // Non combustible
- // Good resistance against saltwater
- // Easy-to-install
- // Pure aluminium (AL 99,5)
- // Alu-stucco or coarse-grained surface



 **armacell**<sup>®</sup>  
ArmaClad<sup>™</sup>

## TECHNICAL DATA - OKATHERM

Brief description	ArmaClad Okatherm Alu 2-piece welded bends, 4-piece segment bends, foils and end cappings are jacketing system for professional use.
Material type	Pure aluminium. Quality: EN AW 1050 (AL 99.5). Structure: alu-coarse-grained surface. Structure: alu-stucco (4-piece segment bend).
Applications	Jacketing of insulated materials/bends. Welded two-piece type, without insulation layer. Bend-types for welded bends according to EN 10253-1, type 3 (=1,5 · da). Four-piece type, with round corrugation (without beginning and final corrugation) and boreholes, for bolting and riveting, without insulation layer.

Property	Value / Assessment	Standard / Test method
<b>Temperature range</b>		
Service temperature	Min. °C	Max. °C
	-193	250
<b>Fire Performance and Approvals</b>		
Reaction to fire	non-combustible - A1	DIN 4102
<b>Resistance to water vapour</b>		
Water vapour diffusion resistance factor	parctically vapour-tight	VDI 2055
<b>Physical attributes</b>		
Thickness	2-piece bend: 0.2 mm resp. 0.3 mm 4-piece bend: 0.5 mm S200 foil: 0,2 mm	
Mass per unit area	2-piece bend: 540 - 810 g/m <sup>2</sup> 4-piece bend: 1350 g/m <sup>2</sup> S200 foil: 540 g/m <sup>2</sup>	
Dimensions and tolerances	Thickness: 2-piece bend: ± 0.016 mm - ± 0.024 mm 4-piece bend: ± 0.03 mm S200 foil: ± 0.016 mm	
<b>Mechanical properties</b>		
Resistance to mechanical impact	Very good resistance in case of normal use.	

## Accessories

Item	Description	EAN	Content [quantity]
TMN	Rivets, cadmium coated. 1000 rivets/bag.	7612207182569	1000 piece
TMNW	Riveting tool magnetized	7612207182576	1 piece

## Prefabricated part – 90° elbow. Silver (Covering)

Pipe Ø [mm]	Item	Insulation thickness [mm]	Content [quantity]
17	TB1720	20	120 piece
17	TB1730	30	90 piece
21	TB2120	20	120 piece
21	TB2130	30	80 piece
21	TB2140	40	50 piece
27	TB2720	20	100 piece
27	TB2730	30	65 piece
27	TB2740	40	40 piece
33	TB3320	20	100 piece
33	TB3330	30	55 piece
33	TB3340	40	80 piece
42	TB4220	20	65 piece
42	TB4230	30	50 piece
42	TB4240	40	80 piece
48	TB4820	20	65 piece
48	TB4830	30	80 piece
48	TB4840	40	80 piece
48	TB4850	50	30 piece
60	TB6020	20	80 piece
60	TB6030	30	40 piece
60	TB6040	40	40 piece
60	TB6050	50	20 piece
60	TB6060	60	20 piece
64	TB6420	20	80 piece
64	TB6430	30	60 piece
64	TB6440	40	40 piece
70	TB7030	30	40 piece
70	TB7040	40	40 piece
76	TB7630	30	40 piece
76	TB7640	40	20 piece
76	TB7650	50	20 piece
76	TB7660	60	20 piece
76	TB7670	70	15 piece
89	TB8930	30	20 piece
89	TB8940	40	20 piece
89	TB8950	50	20 piece
89	TB8960	60	20 piece

## Prefabricated part – 90° elbow. Silver (Covering)

Pipe Ø [mm]	Item	Insulation thickness [mm]	Content [quantity]
89	TB8980	80	20 piece
108	TB10830	30	20 piece
108	TB10840	40	20 piece
108	TB10850	50	10 piece
108	TB10860	60	10 piece
108	TB10880	80	10 piece
114	TB11430	30	25 piece
114	TB11440	40	10 piece
114	TB11450	50	10 piece
114	TB11460	60	10 piece
114	TB114100	100	10 piece
127	TB12740	40	15 piece
127	TB12760	60	10 piece
127	TB127100	100	10 piece
140	TB14040	40	15 piece
140	TB14060	60	10 piece
159	TB159100	100	10 piece
168	TB16850	50	10 piece
169	TB16950	50	10 piece

## Prefabricated part – 90° elbow. segmented elbow (4 pieces)

Outer diameter [mm]	Item	EAN	Content [quantity]
210	BBC21005	7612207162264	18 piece
220	BBC22005	7612207162271	14 piece
230	BBC23005	7612207162288	12 piece
240	BBC24005	7612207162295	12 piece
250	BBC25005	7612207162301	10 piece
260	BBC26005	7612207162318	8 piece
270	BBC27005	7612207162325	10 piece
280	BBC28005	7612207162332	9 piece
290	BBC29005	7612207162349	7 piece
300	BBC30005	7612207162356	6 piece
310	BBC31005	7612207162363	1 piece
320	BBC32005	7612207162370	6 piece
330	BBC33005	7612207162387	5 piece
340	BBC34005	7612207162394	5 piece

## Foil cut-outs

Outer diameter [mm]	Item	Cut-out length [mm]	EAN	Content [quantity]
54	TZR20020	200	7612207182583	150 piece
60	TZR20022	220	7612207182590	150 piece
65	TZR20024	240	7612207182606	150 piece

## Foil cut-outs

Outer diameter [mm]	Item	Cut-out length [mm]	EAN	Content [quantity]
70	TZR20026	260	7612207182613	125 piece
79	TZR20028	280	7612207182620	125 piece
85	TZR20030	300	7612207182637	100 piece
92	TZR20032	320	7612207182644	100 piece
98	TZR20034	340	7612207182651	100 piece
105	TZR20036	360	7612207182668	100 piece
110	TZR20038	380	7612207182675	100 piece
117	TZR20040	400	7612207182682	80 piece
124	TZR20042	420	7612207182699	80 piece
130	TZR20044	440	7612207182705	80 piece
136	TZR20046	460	7612207182712	80 piece
143	TZR20048	480	7612207182729	80 piece
150	TZR20050	500	7612207182736	60 piece
165	TZR20055	550	7612207182743	60 piece
180	TZR20060	600	7612207182750	45 piece
195	TZR20065	650	7612207182767	45 piece
213	TZR20070	700	7612207182774	45 piece
229	TZR20075	750	7612207182781	45 piece
245	TZR20080	800	7612207182798	45 piece
260	TZR20085	850	7612207182804	45 piece
277	TZR20090	900	7612207182811	40 piece
293	TZR20095	950	7612207182828	40 piece
309	TZR200100	1.000	7612207182835	40 piece
	TZR200120		7612207477610	
	TZR200135		7612207477627	
	§§§ TZR200138		7612207369021	

## Other information

**Remarks** Outer diameter with 30mm overlapping. Width: 1,000 mm, Thickness: 0.2 mm

## Foil

Item	Description	EAN	Content [metric]
TFR20025	Roll width: 1,000 mm; length: 25m	7612207182552	25 m <sup>2</sup>

## Other information

**Remarks** Thickness 0.2mm

## Accessories

Item	Description	Content [quantity]
OKF-TAPE50100	Self-adhesive tape, length: 100m, Thickness 0,02 mm	6 roll