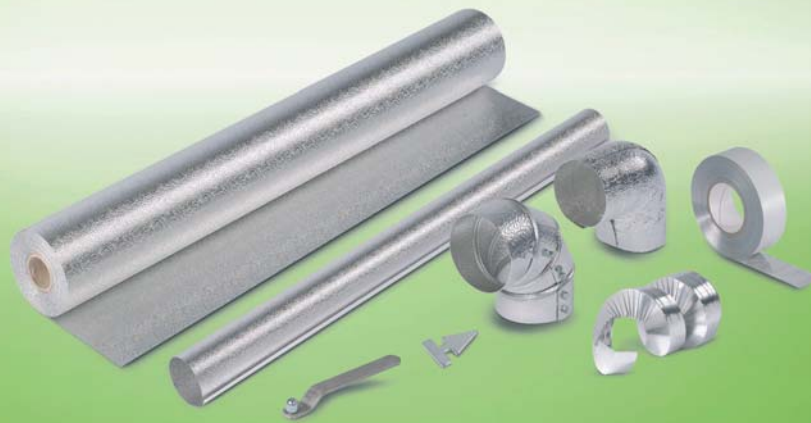




OKATHERM

NON-COMBUSTIBLE PURE ALUMINIUM  
JACKETING SYSTEM



- Good resistance to mechanical impact
- Pre-fabricated bends are easy to install
- Good resistance to seawater
- Made in Germany

## Technical Data - Okatherm 2 piece bend

Brief description	Okatherm Alu 2-piece welded bends is a jacketing system for professional use.
Material type	Pure aluminium. Bend-types for welded bends according to EN 10253-1, type 3 (=1,5 · da).
Material Special Information	Quality: EN AW 1050 (AL 99,5).
Applications	Jacketing of insulated bends. Welded 2-piece type, without insulation layer.

Property	Value/Assessment	Special Remark
<b>Temperature Range</b>		
Temperature Range	max. service temperature	+250 °C
	min. service temperature	-196 °C
<b>Water vapour diffusion resistance</b>		
Water vapour diffusion resistance		Virtually vapour-tight (VDI 2055)
<b>Fire performance</b>		
Reaction to fire	Non combustible	A1
		DIN 4102
<b>Other technical features</b>		
Tolerances	thickness: ±0,016 mm - ±0,024 mm	
Material thickness	0,2 mm resp. 0,3 mm	
Resistance to mechanical impact	Very good resistance in case of normal use.	
Mass per unit area	540 - 810 g/m <sup>2</sup>	
Structure	alu-coarse-grained surface	

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.

## Technical Data - Okatherm S200 foils

Brief description	Okatherm Alu foils, cut-outs and end cappings are a jacketing system for professional use.
Material type	Pure aluminium.
Material Special Information	Quality: EN AW 1050 (AL 99,5). Cuts with strong cure.
Product Range	foils, cut-outs, rosette endcapping.
Applications	Jacketing of insulation materials.

Property	Value/Assessment	Special Remark
<b>Temperature Range</b>		
Temperature Range	max. service temperature	+250 °C
	min. service temperature	-196 °C
<b>Water vapour diffusion resistance</b>		
Water vapour diffusion resistance		Sheets / foils: virtually vapour-tight (VDI 2055)
<b>Fire performance</b>		
Reaction to fire	Non combustible	A1
		Tested according to DIN 4102
<b>Other technical features</b>		
Tolerances	Thickness: ±0,016 mm	
Material thickness	0,2 mm	
Resistance to mechanical impact	Very good resistance in case of normal use.	
Mass per unit area	540 g/m <sup>2</sup>	
Structure	alu-coarse-grained surface	

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.

## Okatherm [parent] bends, 90°, 2-piece



material: made of aluminium AL99,5 - surface: alu-course-grained

type: bend-types for welded bends according to EN 10253-1, Type 3 (≈1,5 . da), 2-piece types, without insulation layer, material thickness 0,2 mm and/or 0,3 mm (see u).

Pipe max. Outside-Ø [mm]	20,0 mm		30,0 mm	
	Code	Pieces/carton	Code	Pieces/carton
17	TB1720	120	TB1730	90
21	TB2120	120	TB2130	80
27	TB2720	100	TB2730	65
33	TB3320	100	TB3330	55
42	TB4220	65	TB4230	50
45	TB4220	65	TB4230	50
48	TB4820	65	TB4830	80
60	TB6020	80	TB6030	40
64	TB6420 ●	80	TB6430 ●	60
70	TB4830	80	TB7030 ●	40
76	TB6030	40	TB7630	40
89	TB7030 ●	40	TB8930 ▼	20
108	TB8930 ▼	20	TB10830 ●▼	20
114	-	-	TB11430 ▼	25
127	TB10830 ●▼	20	TB10840 ●▼	20
140	TB10840 ●▼	20	TB12740 ●▼	15
159	-	-	TB14040 ▼	15

Pipe max. Outside-Ø [mm]	40,0 mm		50,0 mm	
	Code	Pieces/carton	Code	Pieces/carton
21	TB2140	50	-	-
27	TB2740	40	-	-
33	TB3340	80	-	-
42	TB4240	80	-	-
45	TB4240	80	-	-
48	TB4840	80	TB4850 ▼	30
60	TB6040	40	TB6050 ▼	20
64	TB6440 ●	40	-	-
70	TB7040 ●	40	-	-
76	TB7640 ▼	20	TB7650 ▼	20
89	TB8940 ▼	20	TB8950 ▼	20
102	TB8950 ▼	20	TB10850 ▼	10
108	TB10840 ●▼	20	TB10850 ▼	10
114	TB11440 ●▼	10	TB11450 ▼	10
127	TB12740 ●▼	15	TB10860 ▼	10
140	TB14040 ▼	15	TB12760 ▼	10
159	TB12760 ▼	10	TB14060 ▼	10

Pipe max. Outside-Ø [mm]	60,0 mm		70,0 mm	
	Code	Pieces/carton	Code	Pieces/carton
60	TB6060 ▼	20	-	-
64	TB8950 ▼	20	TB8960 ▼	20
76	TB7660 ▼	20	TB7670 ▼	15
89	TB8960 ▼	20	TB10860 ▼	10
108	TB10860 ▼	10	TB12760 ▼	10
114	TB11460 ▼	10	-	-
127	TB12760 ▼	10	TB10880 ●▼	10
140	TB14060 ▼	10	-	-

Pipe max. Outside-Ø [mm]	80,0 mm			
	Code	Pieces/carton		
89	TB8980 ▼	20	-	-
102	TB10880 ●▼	10	-	-
108	TB10880 ●▼	10	-	-

### Remark

Other dimensions on request.

▼ Material thickness 0,3 mm

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

## Okatherm [parent] foils



Thickness 0,2 mm, material: made of aluminium AL99,5 - surface: alu-course-grained

Code	Roll width [mm]	Roll length [m]	Rolls/carton
<b>TFR20025</b>	1000	25	25

## Okatherm [parent] accessories



Code	Article description	Pieces/carton
<b>TMN</b>	rivet, cadmium coated	1000
<b>TMNW</b>	riveting tool magnetized	1

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