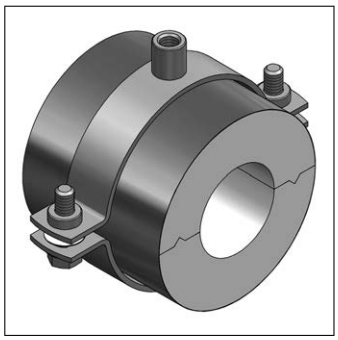
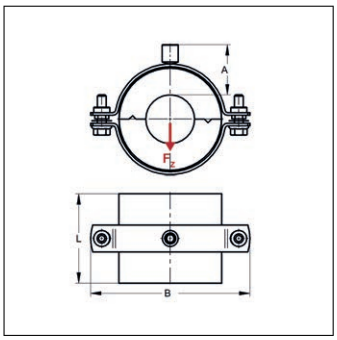
ALU/PU >80< insulated pipe clamp

PU



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Product description

- Consists of a pipe clamp and pipe support half-shells with an ALU foil cover
- The ALU foil of the pipe support is overlapping, self-adhesive and resealable
- The connecting surfaces of the pipe support half-shells have a tongue and groove profile
- High resistance to water vapor diffusion and low thermal conductivity
- The pipe clamp body is located outside the insulating shell
- The use of a sheet metal cylinder is optionally possible
- Other dimensions for pipe diameters or insulation thicknesses on request
- Halogen-free

Specification

Application area: A thermal decoupled mounting of tubes guarantees a reliable prevention of condensate for refrigeration, air-conditioning and drinking water technologies in the sector pipe-clamping.

Technical data

Material:	Steel
Surface:	galvanized
Material shell:	Polyurethane rigid foam
Temperature resistance:	-80 up to 120 °C
Density shell:	80 kg/m³
Statical load shell:	0,1 N/mm²
Average nominal compressive strength shell:	0,5 N/mm²
Density coat:	2700 kg/m³
Water vapour diffusion resistance:	18750 µ
Thermal conductivity:	0,025 W/mK

Delivery time: 5 working days, ex works

Remark: Assembly instructions see chapter 15. With a shell length of 100 mm, the sheet metal cylinder has a width of 80 mm. Load specification according to AGI requirements, reduce to 1/5, taking in account the compressive strength of the shell. For fire loads, use the load specification for the respective clamp without insulation, see chapter 1.

OD steel [mm]	OD cu [mm]	Dimension insulation shell [mm]	Pipe clamp type	Connection	Connection height A [mm]	Width B [mm]	Load F_Z [kN]	Weight [kg/pc]	Packing unit [pcs.]	Part-No.
	15	20x100	Maxima PSM	M8/M10	46	114	0,2	0,261	1	75601545
17,2	18	20x100	Maxima PSM	M8/M10	45	114	0,2	0,261	1	7560172
21,3	22	20x100	Maxima PSM	M8/M10	46	120	0,2	0,275	1	75602145
26,9	28	20x100	Maxima PSM	M8/M10	46	129	0,3	0,292	1	7560275
33,7	35	20x100	Maxima PSM	M8/M10	44	129	0,3	0,292	1	75603445
42,4	42	20x100	Maxima PSM	M10/M12	46	151	0,4	0,424	1	7560426
48,3		20x100	Maxima PSM	M10/M12	44	151	0,4	0,423	1	7560486
	54	20x100	Maxima PSM	M10/M12	46	162	0,4	0,458	1	75605432
57,0		20x100	Maxima PSM	M10/M12	45	162	0,4	0,456	1	75605742
60,3		20x100	Maxima PSM	M10/M12	44	162	0,4	0,456	1	7560606
63,5		20x100	Maxima PSM	M10/M12	46	172	0,5	0,486	1	75606442
70,0		20x100	Maxima PSM	M10/M12	44	172	0,5	0,484	1	75607042
76,1		20x100	Maxima PSM	M10/M12	47	184	0,5	0,527	1	7560766

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OD steel [mm]	OD cu [mm]	Dimension insulation shell [mm]	Pipe clamp type	Connection	Connection height A [mm]	Width B [mm]	Load F_Z [kN]	Weight [kg/pc]	Packing unit [pcs.]	Part-No.
21,3	22	50x100	Maxima PSM	M10/M12	75	184	0,3	0,519	1	76502142
26,9	28	50x100	Maxima PSM	M10/M12	74	189	0,4	0,535	1	76502742
33,7	35	50x100	Maxima PSM	M10/M12	76	209	0,5	0,815	1	76503444
42,4	42	50x100	Maxima PSM	M10/M12	75	216	0,6	0,848	1	76504244
48,3		50x100	Maxima PSM	M10/M12	76	226	0,7	0,896	1	76504844
	54	50x100	Maxima PSM	M10/M12	75	234	0,7	0,936	1	76505444
57,0		50x100	Maxima PSM	M10/M12	76	234	0,8	0,934	1	76505744
60,3		50x100	Maxima PSM	M10/M12	75	234	0,8	0,935	1	76506044
63,5		50x100	Maxima PSM	M10/M12	76	240	0,8	0,968	1	76506444
70,0		50x100	Maxima PSM	M10/M12	76	247	0,9	0,997	1	76507044
76,1		50x100	Maxima PSM	M10/M12	76	252	0,9	1,03	1	76507644
88,9		50x100	Maxima PSM	M10/M12	76	265	1,0	1,09	1	76508944
108,0		50x100	Maxima PSM	M10/M12	77	297	1,1	1,19	1	76510844
114,3		50x100	Maxima PSM	M10/M12	78	297	1,1	1,24	1	7651146
133,0		50x100	Maxima PSM	M10/M12	75	308	1,2	1,29	1	76513344
139,7		50x100	Maxima PSM	M10/M12	75	315	1,2	1,32	1	76514044
159,0		50x100	Maxima PSM	M10/M12	77	340	1,3	1,45	1	76515944
168,3		50x100	Maxima PSM	M10/M12	76	346	1,4	1,48	1	76516844
219,1		50x100	Titan HD	M16	75	404	2,4	2,79	1	7652195
273,0		50x100	Titan HD	M16	75	456	2,8	3,20	1	7652734
323,9		50x100	Titan HD	M16	75	507	3,1	3,57	1	7653245
355,6		50x100	Titan HD	M16	75	539	3,4	3,80	1	7653567