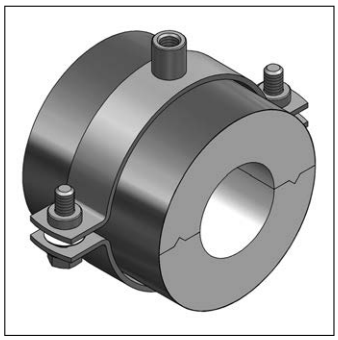
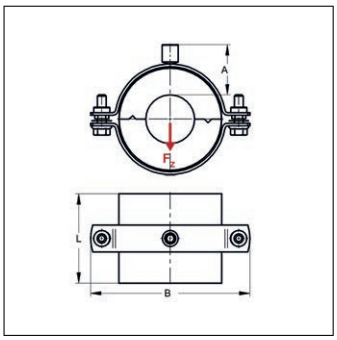
ALU/PU >80< insulated pipe clamp

PU



ALU/PU >80< insulated pipe clamp



ALU/PU >80< insulated pipe clamp

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

ALU/PU >80< insulated pipe clamp

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.
88,9		20x100	Maxima PSM	M10/M12	47	209	0,7	0,770	1	7560896
108,0		20x100	Maxima PSM	M10/M12	46	226	0,8	0,837	1	75610844
114,3		20x100	Maxima PSM	M10/M12	47	234	0,8	0,871	1	75611444
133,0		20x100	Maxima PSM	M10/M12	47	252	0,9	0,950	1	75613344
139,7		20x100	Maxima PSM	M10/M12	45	252	0,9	0,940	1	75614044
159,0		20x100	Maxima PSM	M10/M12	47	278	1,0	1,06	1	75615944
168,3		20x100	Maxima PSM	M10/M12	46	287	1,1	1,09	1	75616844
219,1		20x100	Titan HD	M16	46	342	1,9	2,18	1	7562197
273,0		20x100	Titan HD	M16	45	396	2,3	2,55	1	7562733
17,2	18	30x100	Maxima PSM	M10/M12	55	141	0,3	0,410	1	7590182
21,3	22	30x100	Maxima PSM	M10/M12	56	151	0,3	0,432	1	75902142
26,9	28	30x100	Maxima PSM	M10/M12	55	151	0,4	0,433	1	75902742
33,7	35	30x100	Maxima PSM	M10/M12	56	162	0,4	0,469	1	75903442
42,4	42	30x100	Maxima PSM	M10/M12	57	172	0,5	0,500	1	75904242
48,3		30x100	Maxima PSM	M10/M12	55	172	0,5	0,499	1	75904842
	54	30x100	Maxima PSM	M10/M12	55	178	0,5	0,0522	1	75905442
57,0		30x100	Maxima PSM	M10/M12	54	178	0,5	0,521	1	75905742
60,3		30x100	Maxima PSM	M10/M12	55	184	0,5	0,541	1	75906042
63,5		30x100	Maxima PSM	M10/M12	56	189	0,6	0,557	1	75906442
70,0		30x100	Maxima PSM	M10/M12	57	209	0,7	0,789	1	75907042
76,1		30x100	Maxima PSM	M10/M12	57	216	0,7	0,818	1	75907644
88,9		30x100	Maxima PSM	M10/M12	56	226	0,8	0,861	1	75908944
108,0		30x100	Maxima PSM	M10/M12	57	247	0,9	0,954	1	75910844
114,3		30x100	Maxima PSM	M10/M12	57	252	0,9	0,979	1	75911444
133,0		30x100	Maxima PSM	M10/M12	57	272	1,0	1,06	1	75913344
139,7		30x100	Maxima PSM	M10/M12	57	278	1,0	1,09	1	75914044
159,0		30x100	Maxima PSM	M10/M12	56	297	1,1	1,16	1	75915912
168,3		30x100	Maxima PSM	M10/M12	57	308	1,2	1,22	1	75916844
219,1		30x100	Titan HD	M16	55	364	2,1	2,38	1	7592193
273,0		30x100	Titan HD	M16	55	416	2,5	2,74	1	7592733
323,9		30x100	Titan HD	M16	55	467	2,8	3,11	1	7593243
355,6		30x100	Titan HD	M16	55	495	3,1	3,33	1	7593563
17,2	18	40x100	Maxima PSM	M10/M12	65	162	0,3	0,475	1	76201742
21,3	22	40x100	Maxima PSM	M10/M12	67	172	0,3	0,509	1	76202142
26,9	28	40x100	Maxima PSM	M10/M12	65	172	0,4	0,508	1	76202742
33,7	35	40x100	Maxima PSM	M10/M12	65	178	0,5	0,534	1	7620348
42,4	42	40x100	Maxima PSM	M10/M12	64	184	0,5	0,553	1	7620428
48,3		40x100	Maxima PSM	M10/M12	66	209	0,7	0,805	1	7620488
	54	40x100	Maxima PSM	M10/M12	66	209	0,7	0,804	1	7620548
57,0		40x100	Maxima PSM	M10/M12	67	216	0,7	0,836	1	76205744
60,3		40x100	Maxima PSM	M10/M12	66	216	0,7	0,835	1	76206044
63,5		40x100	Maxima PSM	M10/M12	67	220	0,7	0,863	1	76206444
70,0		40x100	Maxima PSM	M10/M12	66	226	0,8	0,881	1	7620708
76,1		40x100	Maxima PSM	M10/M12	66	234	0,8	0,918	1	76207644
88,9		40x100	Maxima PSM	M10/M12	66	247	0,9	0,978	1	7620898
108,0		40x100	Maxima PSM	M10/M12	67	265	1,0	1,06	1	76210844
114,3		40x100	Maxima PSM	M10/M12	66	272	1,0	1,09	1	7621148
133,0		40x100	Maxima PSM	M10/M12	65	287	1,1	1,16	1	76213344
139,7		40x100	Maxima PSM	M10/M12	66	297	1,1	1,20	1	7621408
159,0		40x100	Maxima PSM	M10/M12	65	315	1,2	1,28	1	76215944
168,3		40x100	Maxima PSM	M10/M12	68	331	1,3	1,37	1	7621688
219,1		40x100	Titan HD	M16	65	382	2,2	2,57	1	7622196
273,0		40x100	Titan HD	M16	65	436	2,6	2,98	1	7622736
323,9		40x100	Titan HD	M16	65	486	3,0	3,34	1	7623247
355,6		40x100	Titan HD	M16	65	519	3,2	3,56	1	7623565
17,2	18	50x100	Maxima PSM	M10/M12	76	184	0,3	0,519	1	76501742