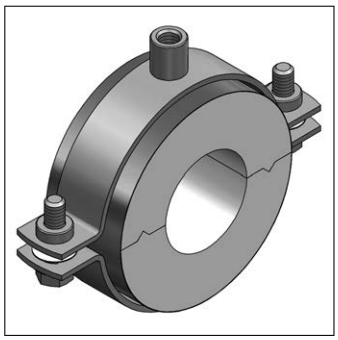
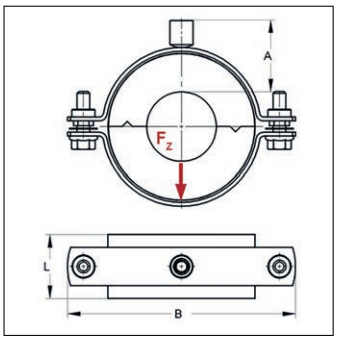
ALU/PU >80< S insulated pipe clamp

PU



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Product description

- Consisting 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 water vapor diffusion resistance and low thermal conductivity
- The pipe clamp body is located outside the insulating shell
- The use of a support shell 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:	-50 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.
17,2	18	20x40	Trabant	M8/M10	38	104	0,1	0,0930	1	70401848
21,3	22	20x40	Trabant	M8/M10	40	111	0,1	0,0970	1	70402248
26,9	28	20x40	Trabant	M8/M10	40	119	0,2	0,105	1	70402848
33,7	35	20x40	Trabant	M8/M10	39	113	0,2	0,133	1	70403449
42,4	42	20x40	Trabant	M8/M10	39	128	0,2	0,137	1	70404248
48,3		20x50	Trabant	M8/M10	39	124	0,3	0,154	1	70504849
54,0		20x50	Trabant	M8/M10	43	141	0,3	0,190	1	70505448
57,0		20x50	Trabant	M8/M10	38	141	0,4	0,189	1	70505748
60,3		20x50	Trabant	M8/M10	39	136	0,4	0,237	1	70506049
63,5		20x50	Omnia MB	M8/M10	41	143	0,4	0,248	1	70506449
70,0		20x66	Omnia MB	M8/M10	39	152	0,4	0,254	1	70607049
76,1		20x66	Omnia MB	M8/M10	42	158	0,4	0,278	1	70607649

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88,9		20x83	Omnia MB	M8/M10	42	175	0,5	0,315	1	75208949
108,0		20x83	Omnia MB	M10/M12	45	197	0,5	0,450	1	75210850
114,3		20x83	Maxima PSM	M10/M12	46	234	0,7	0,617	1	75211442
133,0		20x100	Omnia MB	M10/M12	46	225	0,7	0,525	1	75613350
139,7		20x100	Maxima PSM	M10/M12	45	252	0,8	0,673	1	75614042
159,0		20x100	Maxima PSM	M10/M12	46	278	0,9	0,755	1	75615942
168,3		20x100	Maxima PSM	M10/M12	45	288	1,1	0,774	1	75616842
219,1		20x100	Maxima PSM	M16	45	340	1,9	1,32	1	75621927
17,2	18	30x40	Trabant	M8/M10	48	123	0,1	0,135	1	71101848
21,3	22	30x40	Trabant	M8/M10	49	128	0,1	0,141	1	71102248
26,9	28	30x40	Omnia MB	M8/M10	49	124	0,2	0,155	1	71102849
33,7	35	30x40	Omnia MB	M8/M10	50	141	0,2	0,190	1	71103448
42,4	42	30x40	Trabant	M8/M10	52	143	0,2	0,241	1	71104249
48,3		30x50	Omnia MB	M8/M10	50	152	0,4	0,254	1	71204849
54,0		30x50	Omnia MB	M8/M10	49	152	0,4	0,264	1	71205449
57,0		30x50	Omnia MB	M8/M10	49	152	0,4	0,269	1	71205749
60,3		30x50	Omnia MB	M8/M10	50	158	0,4	0,281	1	71206049
63,5		30x50	Omnia MB	M8/M10	51	158	0,5	0,289	1	71206449
70,0		30x66	Omnia MB	M8/M10	51	165	0,5	0,303	1	71307049
76,1		30x66	Omnia MB	M8/M10	51	175	0,5	0,316	1	71307649
88,9		30x83	Omnia MB	M10/M12	55	197	0,5	0,462	1	75308950
108,0		30x83	Omnia MB	M10/M12	56	219	0,6	0,525	1	75310850
114,3		30x83	Omnia MB	M10/M12	56	225	0,7	0,535	1	75311450
133,0		30x100	Maxima PSM	M10/M12	56	272	0,9	0,770	1	75913342
139,7		30x100	Maxima PSM	M10/M12	56	278	0,9	0,792	1	75914042
159,0		30x100	Maxima PSM	M10/M12	55	297	1,0	0,840	1	75915942
219,1		30x100	Maxima PSM	M16	55	360	2,1	1,46	1	75921927
17,2	18	40x40	Trabant	M8/M10	58	141	0,1	0,193	1	71401848
21,3	22	40x40	Omnia MB	M8/M10	62	143	0,1	0,252	1	71402249
26,9	28	40x40	Omnia MB	M8/M10	60	152	0,2	0,252	1	71402849
33,7	35	40x40	Omnia MB	M8/M10	60	152	0,2	0,262	1	71403449
42,4	42	40x40	Omnia MB	M8/M10	59	158	0,2	0,275	1	71404249
48,3		40x50	Omnia MB	M8/M10	62	165	0,4	0,308	1	71504849
54,0		40x50	Omnia MB	M8/M10	61	175	0,4	0,308	1	71505449
57,0		40x50	Omnia MB	M8/M10	61	175	0,4	0,311	1	71505749
60,3		40x50	Maxima PSM	M10/M12	65	203	0,4	0,573	1	71506042
63,5		40x50	Omnia MB	M10/M12	66	192	0,5	0,423	1	71506450
70,0		40x66	Omnia MB	M10/M12	65	197	0,5	0,456	1	71607050
76,1		40x66	Maxima PSM	M10/M12	65	219	0,6	0,592	1	71607642
88,9		40x83	Omnia MB	M10/M12	65	219	0,6	0,544	1	75408950
108,0		40x83	Maxima PSM	M10/M12	65	265	0,8	0,754	1	75410842
114,3		40x83	Maxima PSM	M10/M12	65	271	0,9	0,773	1	75411442
133,0		40x100	Maxima PSM	M10/M12	64	288	1,1	0,847	1	76213342
139,7		40x100	Maxima PSM	M10/M12	65	297	1,1	0,878	1	76214042
219,1		40x100	Maxima PSM	M16	65	380	2,2	1,60	1	7622195
17,2	18	50x40	Omnia MB	M8/M10	71	158	0,1	0,279	1	71701849
21,3	22	50x40	Omnia MB	M8/M10	70	158	0,1	0,278	1	71702249
26,9	28	50x40	Omnia MB	M8/M10	69	165	0,2	0,288	1	71702849
33,7	35	50x40	Omnia MB	M8/M10	70	175	0,2	0,302	1	71703449
42,4	42	50x40	Omnia MB	M10/M12	74	192	0,2	0,418	1	71704250