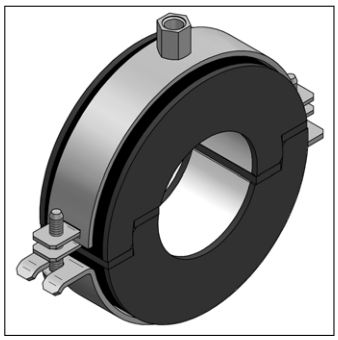
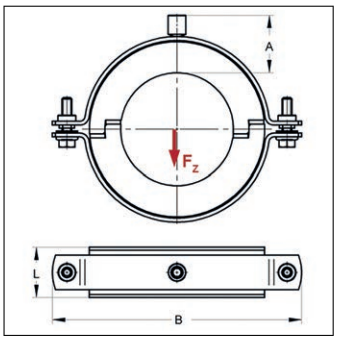
POLAR plus insulated pipe clamp

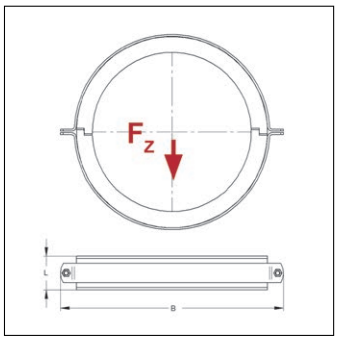
Synthetic rubber / PU


Polar plus insulated pipe clamp (with Omnia MB)



Polar plus insulated pipe clamp


Polar plus insulated pipe clamp (with Titan HD)



Polar plus insulated pipe clamp

SCHALL-SCHUTZ DIN 4109

Baustoffklasse B2 "Normal entflammbar" nach DIN 4102

Product description

- Pipe clamp body situated outside of insulation
- Joining surfaces of half shells are sealed with synthetic rubber cushion at joints
- No gluing on site
- Assembly unit can be opened again after closing
- High water vapor diffusion resistance and low thermal conductivity
- Pipe clamps and insulation glued together and form an assembly unit
- Rubber completion on face side
- 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 105 °C
Density shell:	145 kg/m³
Statical load shell:	0,38 N/mm²
Average nominal compressive strength shell:	1,9 N/mm²
Water vapour diffusion resistance:	36000 µ
Thermal conductivity:	0,031 W/mK

Remark: Assembly instructions see chapter 15. 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. Custom-made products on request.

* Delivery time on request. Excluded from exchange and return.

OD steel [mm]	OD cu [mm]	OD plastic [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.
	10		20x36	Omnia MB	M8/M10	37	89	0,10	0,111	20	74620100
	12		20x36	Omnia MB	M8/M10	37	89	0,11	0,111	20	74620120
	15		20x36	Omnia MB	M8/M10	37	89	0,14	0,110	20	74620150
17,2			20x36	Omnia MB	M8/M10	38	92	0,16	0,118	20	74620170
	18		20x36	Omnia MB	M8/M10	38	92	0,17	0,118	20	74620180
21,3			20x36	Omnia MB	M8/M10	37	92	0,20	0,118	20	74620210
	22		20x36	Omnia MB	M8/M10	37	92	0,21	0,118	20	74620220
26,9			20x36	Omnia MB	M8/M10	37	101	0,26	0,126	20	74620270
	28		20x36	Omnia MB	M8/M10	37	101	0,27	0,125	20	74620280
		32	20x36	Omnia MB	M8/M10	40	113	0,31	0,142	20	74620320 *
33,7			20x36	Omnia MB	M8/M10	38	113	0,32	0,141	20	74620340
	35		20x36	Omnia MB	M8/M10	38	113	0,33	0,141	20	74620350
		40	20x36	Omnia MB	M8/M10	40	117	0,38	0,153	20	74620400 *
42,4	42		20x36	Omnia MB	M8/M10	38	117	0,40	0,152	20	74620430