MÜPRO

Insulation clamps type 170 EX
galvanised

Field of application

- Thermal decoupled pipe attachment in the field of refrigeration
- Specially suitable for attachments in ventilation, air-conditioning, heating, refrigeration installations as well as for chilled water pipes
- Stable insulating element for high impacts

Advantages

- Exterior connection joints (without screws)
- With dual-side metric connection thread
- Highly resistant to water vapour diffusion
- With caoutchouc lining on the pipe side and on the separation surfaces of the insulating clamp; no PU-Sealer neccessary
- Ideal for separating individual pipe sections when using open diffusion insulating materials (mineral fibre)
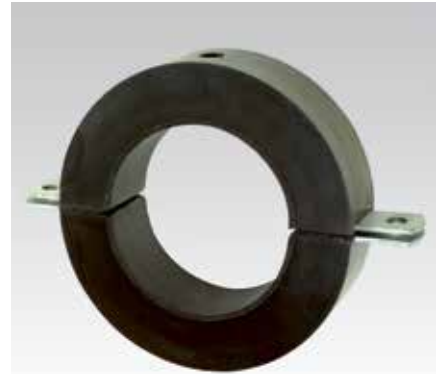
Features

Material	Polyurethane, black
Density	250 kg/m³
Thermal conductivity	$\lambda = 0.049$ W/mK at 0 °C
Fire classification (according to DIN 4102)	B2
Temperature range	−50 °C to +105 °C
Water vapour diffusion resistance	$\mu = 1{,}430$
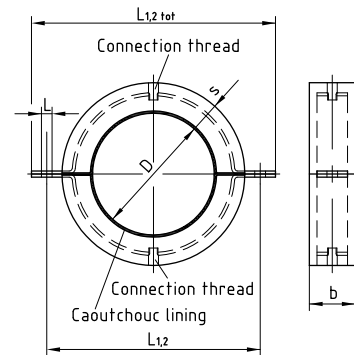
Pipe outer diameter [mm]	Connecting thread	Strip perforation for L [mm]	Part no.	Sales unit	Pack unit	Dimensions [mm]					
						s	b	L1	L1 tot	L2	L2 tot
114.3	M10	M12	111173	1	pieces	40	60	238	274		
133.0			111175					264	300		
139.7			111177								
159.0	M12		111179					279	319		
168.3			111181					288	328		
219.1	M16		111183				100	359	399		
273.0		M16	111187					413	453		
323.9	M20		111191					464	504		
406.4	M24		111199				120	556	606		
219.1	M16	M12	111185			60	100			399	439
273.0		M16	111189							453	493
323.9	M20		111193							504	544
355.6			111195							536	576
368.0			111197				120			548	588
406.4	M24		111201							596	646
457.2			111203							647	697
508.0			111205							698	748
609.6			111207				140			798	848

⚠ According to the **AGI Working Sheet Q 11** ("Arbeitsgemeinschaft Industriebau", an association for industrial construction works) the insulation of refrigeration lines must be made diffusion tight.

The connection with the outer pipe insulation is made by using a complying adhesive for the insulating material (use adhesive suitable for PU).

02/19