

25-ISO4-16-RO: Standard Ø16x2 ISO 6mm Red 25m



Commercial information

The multilayer pipes come with a round or eccentric thermal insulating material. This material is made from extruded PE foam with a closed cell. The PE foam has a sturdy outer layer made from PE with a red or blue meshed vapour tight structure. This protects the foam against damage, so that the insulating properties of the product are not lost even during rough building work.

Basic unit dimensions

Height	28 mm
Length	1,000 mm
Width	28 mm
Net weight	0.150 kg

Certificates

ATG, QB (CSTBat), DVGW Wasser, ETA, KIWA, ÖVGW Wasser, SINTEF, WRAS, KOMO, ÖN EN 21003-2/-3, GOST-R, ITC, TSU, Bureau Veritas, AFNOR, PZH, STF, ACS, DNV-GL, Aenor, Sans 21003, Kontrol Biro, EMI

Applications

Potable water, Heating, Cooling, Compressed air, Demi Water, Sanitary

Solutions

Building installations, Industry, Utility, Shipbuilding

Technical characteristics

Quality class inner layer	PE-Xc	Number of layers	5
Material intermediate layer	Aluminium	Outer pipe diameter	16 Millimetre
Material outer layer	Plastic (expired)	Wall thickness	2 Millimetre
Quality class outer layer	PE-Xc	Medium temperature (continuous)	- Degrees celsius 10 7 0
Glass-fibre reinforced	✗	Max. medium temperature (momentarily)	95 Degrees celsius
Diffusion-proof	✓	Max. operating pressure at 20 °C	16 Bar
System specific	✓	Max. operating pressure at max. medium temperature	10 Bar
Flexible	✓	Wall roughness	0.00 Millimetre 8
Suitable for surface mounting	✓	Expansion coefficient	0.02 Millimetre per metre Kelvin 9
Pipe colour	Red	Min. bending radius	48 Millimetre
With mantle pipe	✗	Min. bending radius without tools	48 Millimetre
With heating cable	✗	Outer diameter mantle pipe	0 Millimetre
With thermal insulation	✓	Thickness of thermal insulation	6 Millimetre
Shape of insulation	Round	Lambda value	0.43 Watt per metre Kelvin
Colour of thermal insulation	Red	Outer diameter thermal insulation	28 Millimetre
SVGW certified	✗	Outer width rectangular insulation	0 Millimetre
Capped	✗	Outer height rectangular insulation	0 Millimetre
UV resistant	✗	Water content	0.11 Litre per metre 3
Halogen free	✓		
DIN-CERTCO certificate	✗		
With approval for TÜV	✗		
DVGW quality mark for gas	✗		
DVGW quality mark for water	✓		
Compliant with NF 545	✓		
KIWA certified	✓		
Gastec QA mark	✗		
KOMO certified	✓		
Type approval according to BBR/EKS	✗		