

25-ISO4-20-RO: Standard Ø20x2 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	32 mm
Length	1,000 mm
Width	32 mm
Net weight	0.180 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

Material inner layer	Plastic (expired)	Number of layers	5
Quality class inner layer	PE-Xc	Outer pipe diameter	20 Millimetre
Material intermediate layer	Aluminium	Wall thickness	2 Millimetre
Material outer layer	Plastic (expired)	Medium temperature (continuous)	- Degrees celsius 10 7 0
Quality class outer layer	PE-Xc	Max. medium temperature (momentarily)	95 Degrees celsius
Glass-fibre reinforced	✗	Max. operating pressure at 20 °C	16 Bar
Diffusion-proof	✓	Max. operating pressure at max. medium temperature	10 Bar
System specific	✓	Wall roughness	0.00 Millimetre 8
Flexible	✓	Expansion coefficient	0.02 Millimetre per metre Kelvin 9
Suitable for surface mounting	✓	Min. bending radius	60 Millimetre
Pipe colour	Red	Min. bending radius without tools	60 Millimetre
With mantle pipe	✗	Outer diameter mantle pipe	0 Millimetre
With heating cable	✗	Thickness of thermal insulation	6 Millimetre
With thermal insulation	✓	Lambda value	0.43 Watt per metre Kelvin
Shape of insulation	Round	Outer diameter thermal insulation	32 Millimetre
Colour of thermal insulation	Red	Outer width rectangular insulation	0 Millimetre
SVGW certified	✗	Outer height rectangular insulation	0 Millimetre
Capped	✗	Water content	0.20 Litre per metre 1
UV resistant	✗		
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	✗		