

## 50-ISO9-20-RO: Standard Ø20x2 ISO 10mm Red 50m



### 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	40 mm
Length	1,000 mm
Width	40 mm
Net weight	0.193 kg

#### Certificates

ATG, QB (CSTBat), DVGW Wasser, ETA, KIWA, ÖVGW Wasser, SINTEF, SITAC, WRAS, KOMO, ÖN EN 21003-2/-3, GOST-R, ITC, TSU, Bureau Veritas, RISE, 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	20 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
Nominal diameter	DN 16	Max. operating pressure at max. medium temperature	16 Bar
System specific	✓	Wall roughness	0.00 Millimetre 7
Flexible	✘	Expansion coefficient	0.02 Millimetre per metre Kelvin 5
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	10 Millimetre
With thermal insulation	✓	Lambda value	0.43 Watt per metre Kelvin
Shape of insulation	Round	Outer diameter thermal insulation	40 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	✘		