

25-ISO20-32-RO-BSD: Standard Ø32x3 iso 20mm red 25m BSD



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. ISO BSD pipes also feature an improved fire rating compared to standard insulation pipe.

Basic unit dimensions

Height	72 mm
Length	1,000 mm
Width	72 mm
Net weight	0.446 kg

Certificates

ATG, QB (CSTBat), DVGW Wasser, KOMO, ÖN EN 21003-2/-3, GOST-R, ITC, TSU, ETA, SITAC, Bureau Veritas, SINTEF, WRAS, AFNOR, STF, ACS, Aenor, WQA, 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	32 Millimetre
Material outer layer	Plastic (expired)	Wall thickness	3 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 25	Max. operating pressure at max. medium temperature	16 Bar
System specific	✓	Wall roughness	0.01 Millimetre
Flexible	✓	Expansion coefficient	0.03 Millimetre per metre Kelvin
Suitable for surface mounting	✓	Min. bending radius	64 Millimetre
Pipe colour	Red	Min. bending radius without tools	0 Millimetre
With mantle pipe	✗	Outer diameter mantle pipe	0 Millimetre
With heating cable	✗	Thickness of thermal insulation	20 Millimetre
With thermal insulation	✓	Lambda value	0.43 Watt per metre Kelvin
Shape of insulation	Round	Outer diameter thermal insulation	72 Millimetre
Colour of thermal insulation	Red	Outer width rectangular insulation	0 Millimetre
SVGW certified	✗	Outer height rectangular insulation	0 Millimetre
Capped	✗	Water content	0.53 Litre per metre
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	✗		