

500-160212: Standard Ø16x2 500m



Commercial information

Henco multilayer pipe with all the **advantages** of plastic and metal

- Butt welded aluminium pipe
- 100% oxygen-tight and water vapour diffusion tight
- Low coefficient of linear expansion, similar to metal pipe
- Entirely corrosion-resistant, also resistant against chemicals and electrochemicals
- Sound-insulation similar to entirely plastic pipe
- Electron beam crosslinked inner and outer pipe
- High resistance to pressure and temperature
- Smooth surface, less loss of pressure
- Light as synthetic piping
- Flexible, easy to bend even at low temperatures, retains shape after bending

Basic unit dimensions

Height	16 mm
Length	1,000 mm
Width	16 mm
Net weight	0.117 kg

Certificates

KIWA, KOMO, QB (CSTBat), ATG, DVGW Wasser, ETA, ÖVGW Wasser, SINTEF, SITAC, WRAS, 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, Underfloor Heating, Sanitary

Solutions

Building installations, Industry, Underfloor heating, Utility, Shipbuilding

Technical characteristics

Material intermediate layer	Aluminium	Outer pipe diameter	16 Millimetre
Material outer layer	Plastic (expired)	Wall thickness	2 Millimetre
Glass-fibre reinforced	✘	Medium temperature (continuous)	- Degrees celsius 10 7 0
Diffusion-proof	✓	Max. medium temperature (momentarily)	95 Degrees celsius
Nominal diameter	DN 12	Max. operating pressure at 20 °C	16 Bar
System specific	✓	Max. operating pressure at max. medium temperature	16 Bar
Flexible	✓	Wall roughness	0.00 Millimetre 7
Suitable for surface mounting	✓	Expansion coefficient	0.03 Millimetre per metre Kelvin
Pipe colour	White	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	0 Millimetre
Capped	✘	Lambda value	0.41 Watt per metre Kelvin
UV resistant	✘	Outer diameter thermal insulation	0 Millimetre
Halogen free	✓	Outer width rectangular insulation	0 Millimetre
DIN-CERTCO certificate	✘	Outer height rectangular insulation	0 Millimetre
With approval for TÜV	✘	Water content	0.11 Litre per metre
DVGW quality mark for gas	✘		
DVGW quality mark for water	✓		
KIWA certified	✓		
Gastec QA mark	✘		
KOMO certified	✓		
Type approval according to BBR/EKS	✘		