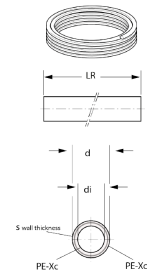


50-160212: Standard Ø16x2 50m



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

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, Underfloor Heating, Sanitary

Solutions

Building installations, Industry, Underfloor heating, Utility, Shipbuilding

Technical characteristics

| | | | |
|------------------------------------|-------------------|--|---------------------------------------|
| Material inner layer | Plastic (expired) | Number of layers | 5 |
| Quality class inner layer | HDPE-Xc | Outer pipe diameter | 16 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 | HDPE-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 | 16 Bar |
| Nominal diameter | DN 12 | Wall roughness | 0.00 Millimetre 7 |
| System specific | ✓ | Expansion coefficient | 0.02 Millimetre per metre Kelvin 5 |
| Flexible | ✓ | Min. bending radius | 48 Millimetre |
| Suitable for surface mounting | ✓ | Min. bending radius without tools | 48 Millimetre |
| Pipe colour | White | Outer diameter mantle pipe | 0 Millimetre |
| With mantle pipe | ✗ | Thickness of thermal insulation | 0 Millimetre |
| With heating cable | ✗ | Lambda value | 0.43 Watt per metre Kelvin |
| With thermal insulation | ✗ | Outer diameter thermal insulation | 0 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 | ✗ | | |