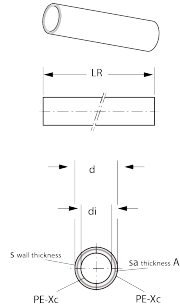


## 05-160212: Standard straight length $\varnothing 16 \times 2$ 5m



### 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

#### 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   | Number of layers                                   | 5                                     |
| Quality class inner layer          | PE-Xc     | Outer pipe diameter                                | 16 Millimetre                         |
| Material intermediate layer        | Aluminium | Wall thickness                                     | 2 Millimetre                          |
| Material outer layer               | Plastic   | Medium temperature (continuous)                    | - Degrees celsius<br>10 7<br>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 | 16 Bar                                |
| Nominal diameter                   | DN 12     | Wall roughness                                     | 0.00 Millimetre<br>7                  |
| System specific                    | ✓         | Expansion coefficient                              | 0.02 Millimetre per metre Kelvin<br>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 meter 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<br>3             |
| Halogen free                       | ✓         |  |                                       |
| DIN-CERTCO certificate             | ✘         |  |                                       |
| With approval for TÜV              | ✘         |  |                                       |
| DVGW quality mark for gas          | ✘         |  |                                       |
| DVGW quality mark for water        | ✓         |  |                                       |
| Compliant with NF 545              | ✓         |  |                                       |
| KOMO certified                     | ✓         |  |                                       |
| Type approval according to BBR/EKS | ✘         |  |                                       |

## Related products

| Product code | GTIN           | Description                                   | Image   |
|--------------|----------------|---|---|
| KS16M        | 05414764001213 | Henco Kalispeed (max. 500 rpm, clockwise) Ø16 |  |
| KS-K         | 05414764001213 | Henco Clickhandle for KS (Kalispeed)          |  |
| PH-1632      | 05414764001213 | Henco Pipe holder for diameters 16-20-26-32   |  |
| IM1426PRESS  | 05414764001213 | Henco Guillotine cutter 14-26mm               |  |

| Product code  | GTIN           | Description                                       | Image   |
|---------------|----------------|---|---|
| BM-16F        | 05414764001213 | Henco Fast bending tool Ø16                       |  |
| BM-16         | 05414764001213 | Henco Bending tool Ø16                            |  |
| BI-1612       | 05414764001213 | Henco Internal Bending spring 16x2 l=50           |  |
| TESTPLUG16    | 05414764001213 | Henco Test cap for pipe Ø16                       |  |
| SK-PIPESTOP16 | 05414764001213 | Henco Stop end for pipe Ø16                       |  |
| DRILLY16      | 05414764001213 | Henco Drilly temporary air vent plug reusable Ø16 |  |