

## 04-403533: Standard straight length Ø40x3,5 4m



### 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     | 40 mm    |
| Length     | 1,000 mm |
| Width      | 40 mm    |
| Net weight | 0.520 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, AFNOR, PZH, STF, ACS, DNV-GL, Aenor, Sans 21003, EMI

#### Applications

Potable water, Heating, Cooling, Compressed air, Demi Water, Underfloor Heating, Sanitary

#### Solutions

Building installations, Industry, Underfloor heating, Utility, Shipbuilding

## Technical characteristics

|                                    |                   |                                                    |                                       |
|------------------------------------|-------------------|----------------------------------------------------|---------------------------------------|
| Quality class inner layer          | PE-Xc             | Number of layers                                   | 5                                     |
| Material intermediate layer        | Aluminium         | Outer pipe diameter                                | 40 Millimetre                         |
| Material outer layer               | Plastic (expired) | Wall thickness                                     | 3.5 Millimetre                        |
| Quality class outer layer          | PE-Xc             | Medium temperature (continuous)                    | - Degrees celsius<br>10 7<br>0        |
| Glass-fibre reinforced             | ✗                 | Max. medium temperature (momentarily)              | 95 Degrees celsius                    |
| Diffusion-proof                    | ✓                 | Max. operating pressure at 20 °C                   | 10 Bar                                |
| Nominal diameter                   | DN 32             | Max. operating pressure at max. medium temperature | 10 Bar                                |
| System specific                    | ✓                 | Wall roughness                                     | 0.00 Millimetre<br>7                  |
| Flexible                           | ✗                 | Expansion coefficient                              | 0.02 Millimetre per metre Kelvin<br>5 |
| Suitable for surface mounting      | ✓                 | Min. bending radius                                | 80 Millimetre                         |
| Pipe colour                        | White             | Min. bending radius without tools                  | 0 Millimetre                          |
| With mantle pipe                   | ✗                 | Outer diameter mantle pipe                         | 0 Millimetre                          |
| With heating cable                 | ✗                 | Thickness of thermal insulation                    | 0 Millimetre                          |
| With thermal insulation            | ✗                 | Lambda value                                       | 0.43 Watt per metre Kelvin            |
| SVGW certified                     | ✗                 | Outer diameter thermal insulation                  | 0 Millimetre                          |
| Capped                             | ✓                 | Outer width rectangular insulation                 | 0 Millimetre                          |
| UV resistant                       | ✗                 | Outer height rectangular insulation                | 0 Millimetre                          |
| Halogen free                       | ✓                 | Water content                                      | 0.85 Litre per metre<br>5             |
| 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 | ✗                 |                                                    |                                       |