

## 120-PXC1620: Henco 5L PE-Xc Ø16x2 120m



### Commercial information

The Henco 5L PE-Xc synthetic pipe is made up of five layers. It has an inner and outer layer of electron-beam cross-linked polyethylene that has been cross-linked using electron beams EVOH oxygen barrier that conforms with with DIN 4726 which allows this synthetic pipe to be used in heating applications. These three different layers are bonded to each other by two high-quality, homogenous connecting layers.

#### Basic unit dimensions

|            |          |
|------------|----------|
| Height     | 16 mm    |
| Length     | 1,000 mm |
| Width      | 16 mm    |
| Net weight | 0.091 kg |

#### Certificates

DIN CERTCO, KOMO, ATG, SKZ

#### Applications

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

#### Solutions

Building installations, Industry, Underfloor heating, Utility

## Technical characteristics

|  |                   |  |                                  |
|--|-------------------|--|----------------------------------|
| Material                               | Polyethylene (PE) | Outer pipe diameter                                | 16 Millimetre                    |
| Material quality                       | PE-Xc             | Commercial length                                  | 120 Metre                        |
| Surface protection                     | Other             | Wall thickness                                     | 2 Millimetre                     |
| Diffusion-proof                        | ✓                 | Standard Dimension Ratio (SDR)                     | 9                                |
| Nominal diameter                       | DN 12             | Medium temperature (continuous)                    | - Degrees celsius<br>10 7<br>0   |
| Connection 1                           | Tube end          | Max. medium temperature (momentarily)              | 90 Degrees celsius               |
| Connection 2                           | Tube end          | Max. operating pressure at 20 °C                   | 10 Bar                           |
| Ground load                            | Other             | Max. operating pressure at max. medium temperature | 10 Bar                           |
| Article compression class              | PN 6              | Outer diameter mantle pipe                         | 0 Millimetre                     |
| Gastec QA                              | ✗                 | Min. medium temperature (continuous)               | 70 Degrees celsius               |
| Capped                                 | ✗                 | RAL-number pipe                                    | 0                                |
| Chamfered                              | ✗                 | Number of sealing rings, sleeve                    | 0                                |
| With mantle pipe                       | ✗                 | Wall roughness                                     | 0.00 Millimetre<br>7             |
| Pipe colour                            | Other             | Expansion coefficient                              | 0.18 Millimetre per metre Kelvin |
| Colour of coding stripe on mantle pipe | Other             | Medium temperature                                 | - Degrees celsius<br>10 7<br>0   |
| Flexible                               | ✓                 | Lambda value                                       | 0.41 Watt per metre Kelvin       |
| With thermal insulation                | ✗                 | Min. bending radius                                | 80 Millimetre                    |
| With heating cable                     | ✗                 | Min. bending radius without tools                  | 80 Millimetre                    |
| UV resistant                           | ✗                 | Outer diameter thermal insulation                  | 0 Millimetre                     |
| Hook-and-loop fastening                | ✗                 | Thickness of thermal insulation                    | 0 Millimetre                     |
| SVGW certified                         | ✗                 | Water content                                      | 0.11 Litre per metre<br>1        |
| Certified according to SVGW for water  | ✗                 |  |                                  |
| Certified according to SVGW for gas    | ✗                 |  |                                  |
| Type approval according to BBR/EKS     | ✗                 |  |                                  |