

## 100-PXC1620: 5L PE-Xc Ø16x2 100m



### 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

KOMO, DIN CERTCO, 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	100 Metre
Surface protection	Other	Wall thickness	2 Millimetre
Diffusion-proof	✓	Standard Dimension Ratio (SDR)	9
Nominal diameter	DN 12	Medium temperature (continuous)	- Degrees celsius 10 7 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 7
Pipe colour	Other	Expansion coefficient	0.18 Millimetre per metre Kelvin
Colour of coding stripe on mantle pipe	Other	Medium temperature	- Degrees celsius 10 7 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 1
Certified according to SVGW for water	✗		
Certified according to SVGW for gas	✗		
Type approval according to BBR/EKS	✗		