

## 100-121688: Standard Ø12x1,6 100m



### 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	12 mm
Length	1,000 mm
Width	12 mm
Net weight	0.063 kg

#### Certificates

#### 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	12 Millimetre
Material intermediate layer	Aluminium	Wall thickness	1.6 Millimetre
Material outer layer	Plastic (expired)	Medium temperature (continuous)	- Degrees celsius 10 7 0
Quality class outer layer	HDPE-Xc	Max. medium temperature (momentarily)	60 Degrees celsius
Glass-fibre reinforced	✘	Max. operating pressure at 20 °C	6 Bar
Diffusion-proof	✓	Max. operating pressure at max. medium temperature	6 Bar
Nominal diameter	DN 8	Wall roughness	0.00 Millimetre 7
System specific	✓	Expansion coefficient	0.02 Millimetre per metre Kelvin 5
Flexible	✓	Min. bending radius	36 Millimetre
Suitable for surface mounting	✓	Min. bending radius without tools	36 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	0.06 Litre per metre 1
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	✘		