

100-F16R-WZ: Henco-Floor PE-XC/AL/PE-XC 16X2 100M



Commercial information

Henco multilayer pipes offer all the **advantages** of metal and plastic:

- Aluminium inner core, seamlessly welded longitudinally
- 100 % oxygen-tight
- Minimal linear expansion coefficient comparable to metal
- Fully corrosion-resistant, including against chemical and electrochemical impacts
- Dampens noise, as typical of a plastic pipe
- Inner and outer pipe made of electron-beam cross-linked polyethylene
- High resistance to pressure and temperature
- Smooth surface: low pressure loss
- As light as a plastic pipe
- Flexible, easy to bend. The pipe retains its curved shape even in low temperatures

Basic unit dimensions

Height	16 mm
Length	1,000 mm
Width	16 mm
Net weight	0.100 kg

Certificates

Applications

Underfloor Heating

Solutions

Building installations, Industry, Underfloor heating, Utility

Technical characteristics

Material inner layer	Plastic (expired)	Outer pipe diameter	16 Millimetre
Material intermediate layer	Aluminium	Wall thickness	2 Millimetre
Material outer layer	Plastic (expired)	Medium temperature (continuous)	60 6 Degrees celsius 0
Glass-fibre reinforced	✗	Max. medium temperature (momentarily)	60 Degrees celsius
Diffusion-proof	✓	Max. operating pressure at 20 °C	6 Bar
Nominal diameter	DN 8	Max. operating pressure at max. medium temperature	6 Bar
System specific	✓	Wall roughness	0.01 Millimetre
Flexible	✓	Expansion coefficient	0.02 Millimetre per metre Kelvin 5
Suitable for surface mounting	✗	Min. bending radius	48 Millimetre
Pipe colour	White	Min. bending radius without tools	48 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
Capped	✗	Outer diameter thermal insulation	0 Millimetre
UV resistant	✗	Outer width rectangular insulation	0 Millimetre
Halogen free	✓	Outer height rectangular insulation	0 Millimetre
DIN-CERTCO certificate	✗		
With approval for TÜV	✗		
DVGW quality mark for gas	✗		
DVGW quality mark for water	✗		
KIWA certified	✓		
Gastec QA mark	✗		
KOMO certified	✗		
Type approval according to BBR/EKS	✗		