

## 400-F16R-WZ: Henco-Floor PE-XC/AL/PE-XC 16X2 400M



### 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 intermediate layer	Aluminium	Outer pipe diameter	16 Millimetre
Material outer layer	Plastic (expired)	Wall thickness	2 Millimetre
Glass-fibre reinforced	✗	Medium temperature (continuous)	60 6 Degrees celsius 0
Diffusion-proof	✓	Max. medium temperature (momentarily)	60 Degrees celsius
Nominal diameter	DN 12	Max. operating pressure at 20 °C	6 Bar
System specific	✓	Max. operating pressure at max. medium temperature	6 Bar
Flexible	✓	Wall roughness	0.00 Millimetre 7
Suitable for surface mounting	✗	Expansion coefficient	0.02 Millimetre per metre Kelvin 5
Pipe colour	White	Min. bending radius	48 Millimetre
With mantle pipe	✗	Min. bending radius without tools	48 Millimetre
With heating cable	✗	Outer diameter mantle pipe	0 Millimetre
With thermal insulation	✗	Thickness of thermal insulation	0 Millimetre
SVGW certified	✗	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	✗	Water content	0.11 Litre per metre 3
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	✗		