

50-200216: Standard Ø20x2 50m



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

Certificates

ATG, QB (CSTBat), DVGW Wasser, ETA, KIWA, ÖVGW Wasser, SINTEF, SITAC, WRAS, KOMO, ÖN EN 21003-2/-3, GOST-R, ITC, TSU, Bureau Veritas, RISE, AFNOR, PZH, STF, ACS, DNV-GL, Aenor, Sans 21003, Kontrol Biro, EMI

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	Number of layers	5
Quality class inner layer	PE-Xb	Outer pipe diameter	20 Millimetre
Material intermediate layer	Aluminium	Wall thickness	2 Millimetre
Material outer layer	Plastic	Medium temperature (continuous)	- Degrees celsius 10 7 0
Quality class outer layer	PE-Xc	Max. medium temperature (momentarily)	95 Degrees celsius
Glass-fibre reinforced	✘	Max. operating pressure at 20 °C	16 Bar
Diffusion-proof	✓	Max. operating pressure at max. medium temperature	16 Bar
Nominal diameter	DN 16	Wall roughness	0.00 Millimetre 7
System specific	✓	Expansion coefficient	0.02 Millimetre per metre Kelvin 5
Flexible	✓	Min. bending radius	60 Millimetre
Suitable for surface mounting	✓	Min. bending radius without tools	60 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 meter 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	0.20 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	✓		
KOMO certified	✓		
Type approval according to BBR/EKS	✘		

Related products

Product code	GTIN	Description	Image
BI-2016	05414764032880	Henco Internal Bending spring 20x2 l=50	
PH-1632	05414764032880	Henco Pipe holder for diameters 16-20-26-32	
DRILLY20	05414764032880	Henco Drilly temporary air vent plug reusable Ø20	
KS-K	05414764032880	Henco Clickhandle for KS (Kalispeed)	
BM-20	05414764032880	Henco Bending tool Ø20	

Product code	GTIN	Description	Image
BM-20F	05414764032880	Henco Fast bending tool Ø20	
PS-20	05414764032880	Henco Pipe straightener Ø20	
IM1426PRESS	05414764032880	Henco Guillotine cutter 14-26mm	
KS20M	05414764032880	Henco Kalispeed (max. 500 rpm, clockwise) Ø20	