

05-200216-GAS: Henco Standard Gas straight length Ø20x2 5m



Commercial information

Henco GAS multilayer pipes are permitted for gas pipelines in countries where a Henco gas certification and certificates are available. In addition, the tubes and the sheath must have a yellow marking or be colored yellow.

The Henco multilayer pipe offers all **the advantages** of metal and plastic:

- Longitudinally seamlessly welded aluminum inner core of the pipe
- 100% oxygen tight
- Low linear expansion coefficient, comparable to metal
- Fully corrosion resistant, also against chemical and electrochemical influences
- Sound damping, characteristic for a plastic pipe
- Inner and outer tube made of electron beam cross-linked polyethylene
- High resistance to pressure and temperature
- Smooth surface – low pressure loss
- As light as plastic pipe
- Flexible, easy to bend.
- Even at low temperatures, the tube retains its curved shape

Basic unit dimensions

Height	20 mm
Length	1,000 mm
Width	20 mm
Net weight	0.148 kg

Certificates

DVGW Gas, GASTEC, TSU, ROST, UNI TS

Applications

Gas

Solutions

Building installations, Industry, Oil & gas, Utility, Shipbuilding

Technical characteristics

Quality class inner layer	PE-Xc	Number of layers	5
Material intermediate layer	Aluminium	Outer pipe diameter	20 Millimetre
Material outer layer	Plastic (expired)	Wall thickness	2 Millimetre
Quality class outer layer	PE-Xc	Medium temperature (continuous)	- Degrees celsius 20 6 0
Glass-fibre reinforced	✘	Max. operating pressure at 20 °C	5 Bar
Diffusion-proof	✓	Max. operating pressure at max. medium temperature	5 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	Yellow	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	0.20 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	✘		
KIWA certified	✘		
Gastec QA mark	✓		
KOMO certified	✘		
Type approval according to BBR/EKS	✘		