

50-020GASMG: Henco Standard Gas Ø20x2 with protection hose Yellow 50m



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	30 mm
Length	1,000 mm
Width	30 mm
Net weight	0.215 kg

Certificates

DVGW Gas, GASTEC, TSU, ROST, UNI TS

Applications

Gas

Solutions

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

Technical characteristics

Material inner layer	Plastic (expired)	Outer pipe diameter	20 Millimetre
Quality class inner layer	PE-Xc	Wall thickness	2 Millimetre
Material intermediate layer	Aluminium	Medium temperature (continuous)	- Degrees celsius 20 6 0
Material outer layer	Plastic (expired)	Max. medium temperature (momentarily)	60 Degrees celsius
Quality class outer layer	PE-Xc	Max. operating pressure at 20 °C	16 Bar
Glass-fibre reinforced	✘	Max. operating pressure at max. medium temperature	16 Bar
Diffusion-proof	✓	Wall roughness	0.00 Millimetre 7
Nominal diameter	DN 16	Expansion coefficient	0.02 Millimetre per metre Kelvin 5
System specific	✓	Min. bending radius	60 Millimetre
Flexible	✓	Min. bending radius without tools	60 Millimetre
Suitable for surface mounting	✓	Outer diameter mantle pipe	30 Millimetre
Pipe colour	Yellow	Thickness of thermal insulation	0 Millimetre
With mantle pipe	✓	Lambda value	0.43 Watt per metre Kelvin
With heating cable	✘	Outer diameter thermal insulation	0 Millimetre
Colour outer sheath	Yellow	Outer width rectangular insulation	0 Millimetre
With thermal insulation	✘	Outer height rectangular insulation	0 Millimetre
SVGW certified	✘	Water content	0.20 Litre per metre 1
Capped	✘		
UV resistant	✘		
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	✘		