

## 25-016GASMG: Henco Standard Gas Ø16x2 with yellow pRotect.hose 25m



### 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	25 mm
Length	1,000 mm
Width	25 mm
Net weight	0.173 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	16 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 12	Expansion coefficient	0.02 Millimetre per metre Kelvin 5
System specific	✓	Min. bending radius	48 Millimetre
Flexible	✓	Min. bending radius without tools	48 Millimetre
Suitable for surface mounting	✓	Outer diameter mantle pipe	26 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	0.11 Litre per metre 3
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	✘		