

## 25-020GASMG: Henco Standard Gas Ø20x2 with pRotect. hose yellow



### 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<br>20 6<br>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<br>7                  |
| Nominal diameter                   | DN 16             | Expansion coefficient                              | 0.02 Millimetre per metre Kelvin<br>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<br>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 | ✘                 |  |                                       |