

15PKG-2020: Straight coupling Gas 20x20



Commercial information

The PVDF press fittings for gas differ in only one significant technical aspect compared to press fittings for sanitary and heating applications. The fittings have a special O-ring that is made from the HNBR and is resistant to gas. To make this difference visible, every pressure sleeve has a yellow band. The fittings for gas should never be used for sanitary applications or heating applications. Similarly, fittings for gas should only be used in combination with the yellow HENCO multilayer pipe for gas. The Henco system for gas is only permitted in countries where a gas quality mark has been granted.

PVDF offers the user a unique combination of properties:

- Highly resistant to pressure and temperature
- Excellent mechanical strength
- Extreme flexibility: bending up to 10° is possible
- Highly resistant to chemicals and corrosion
- Embedding is possible without extra protection

Basic unit dimensions

| | |
|------------|----------|
| Height | 26 mm |
| Length | 76 mm |
| Width | 26 mm |
| Net weight | 0.038 kg |

Certificates

GASTEC, TSU, ROST

Applications

Gas

Solutions

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

Technical characteristics

| | | | |
|------------------------------------|--|----------------------------------|------------------------|
| Material | Plastic | Bend radius | 0 Millimetre |
| Material connection 1 | Polyvinylidene fluoride (PVDF) | Outer pipe diameter connection 1 | 20 Millimetre |
| Material quality | Polyvinylidene fluoride (PVDF) | Wall thickness, connection 1 | 0.7 Millimetre |
| Material quality connection 1 | Polyvinylidene fluoride (PVDF) (expired) | Outer pipe diameter connection 2 | 20 Millimetre |
| Surface protection connection 1 | Untreated | Wall thickness, connection 2 | 0.7 Millimetre |
| Surface treatment connection 1 | Untreated | Zeta value | 3.8 |
| Material connection 2 | Polyvinylidene fluoride (PVDF) | Length | 75.5 Millimetre |
| Material quality connection 2 | Polyvinylidene fluoride (PVDF) (expired) | Length of connection 1 | 38 Millimetre |
| Surface protection connection 2 | Untreated | Working length connection 1 | 11 Millimetre |
| Surface treatment connection 2 | Untreated | Length of connection 2 | 38 Millimetre |
| Shape | Straight | Working length connection 2 | 11 Millimetre |
| Reducing | ✘ | Wrench width | 0 Millimetre |
| Eccentric | ✘ | Wrench width union nut | 0 Millimetre |
| System specific | ✔ | Tightening torque | 0 0 Newtonmetre |
| Connection 1 | Press sleeve | Medium temperature (continuous) | -20 60 Degrees celsius |
| Contour code connection 1 | TH/BE | Max. operating pressure at 20 °C | 10 Bar |
| Connection 2 | Press sleeve | Standard Dimension Ratio (SDR) | 0 |
| Contour code connection 2 | TH | | |
| Main colour fitting | Black | | |
| Material sealing | Hydrogenated acrylonitrile butadiene rubber (HNBR) | | |
| With buffer stud | ✔ | | |
| High tensile strength | ✘ | | |
| Gastec QA | ✔ | | |
| With thermal insulation | ✘ | | |
| Ring stiffness class | Other | | |
| With sealing rings/gaskets | ✔ | | |
| Capped | ✘ | | |
| With connection indicator | ✘ | | |
| With drain valve | ✘ | | |
| With de-aerator | ✘ | | |
| FM quality mark | ✘ | | |
| LPCB quality mark | ✘ | | |
| ULC quality mark | ✘ | | |
| UL quality mark | ✘ | | |
| DIN-CERTCO certificate | ✘ | | |
| VdS quality mark | ✘ | | |
| With approval for TÜV | ✘ | | |
| DVGW quality mark for gas | ✘ | | |
| DVGW quality mark for water | ✘ | | |
| Certified according to NF 545 | ✘ | | |
| KIWA certified | ✘ | | |
| Gastec QA mark | ✔ | | |
| KOMO certified | ✘ | | |
| Type approval according to BBR/EKS | ✘ | | |