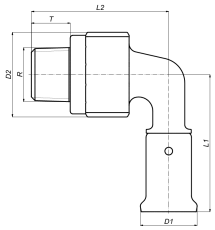
# **5PKG-2005:** Bend 90° male adapter Gas 20x3/4"






## 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

**Certificates**

GASTEC, TSU, ROST

**Applications**

Gas

**Solutions**

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

## Technical characteristics

| | | | |
|---|---|---|---|
| Material connection 1 | Polyvinylidene fluoride (PVDF) | Outer pipe diameter connection 1 | 20 Millimetre |
| Material quality connection 1 | Polyvinylidene fluoride (PVDF) (expired) | Zeta value | 10.5 |
| Surface protection connection 1 | Untreated | Length | 78.5 Millimetre |
| Surface treatment connection 1 | Untreated | Length of connection 1 | 59 Millimetre |
| Material connection 2 | Brass | Working length connection 1 | 32 Millimetre |
| Material quality connection 2 | CuZn40Pb2 (CW617N) | Length of connection 2 | 58.5 Millimetre |
| Surface protection connection 2 | Untreated | Working length connection 2 | 42 Millimetre |
| Surface treatment connection 2 | Untreated | Wrench width | 0 Millimetre |
| Shape | Bend | Wrench width union nut | 0 Millimetre |
| Reducing | ✖ | Medium temperature (continuous) | -20\|60 Degrees celsius |
| Eccentric | ✖ | Max. operating pressure at 20 °C | 10 Bar |
| System specific | ✔ | Standard Dimension Ratio (SDR) | 0 |
| Connection 1 | Press sleeve | | |
| Contour code connection 1 | TH | | |
| Nominal diameter connection 2 | 3/4 inch (20) | | |
| Connection 2 | External thread conical BSPT-R (ISO 7-1 / EN 10226-1) | | |
| Main colour fitting | Black | | |
| Material sealing | Hydrogenated acrylonitrile butadiene rubber (HNBR) | | |
| With buffer stud | ✔ | | |
| High tensile strength | ✖ | | |
| With thermal insulation | ✖ | | |
| Ring stiffness class | Other | | |
| With sealing rings/gaskets | ✔ | | |
| Capped | ✖ | | |
| 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 | ✖ | | |
| KIWA certified | ✖ | | |
| Gastec QA mark | ✔ | | |
| KOMO certified | ✖ | | |
| Type approval according to BBR/EKS | ✖ | | |

## Related products

| Product code | GTIN | Description | Image |
|---|---|---|---|
| BE20 | 05414764038271 | Henco Jaws (universal) BE/TH-Profile 20x2 |  |
| PK-TOOL05 | 05414764038271 | Henco Wrench for PK/SK fittings with threading 3/4" |  |
| PRESSCHECK1432 | 05414764038271 | Henco Tool to control the accuracy of a pressing Ø14-32 |  |