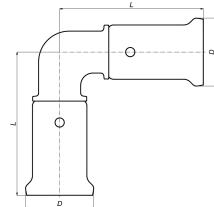


1PKG-2020: Elbow 90° Gas 20x20



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	63 mm
Width	63 mm
Net weight	0.042 kg

Certificates

GASTEC, TSU, ROST

Applications

Gas

Solutions

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

Technical characteristics

Material connection 1	Polyvinylidene fluoride (PVDF)	Bend radius	10 Millimetre
Material quality connection 1	Polyvinylidene fluoride (PVDF) (expired)	Outer pipe diameter connection 1	20 Millimetre
Surface protection connection 1	Untreated	Wall thickness, connection 1	0.7 Millimetre
Surface treatment connection 1	Untreated	Outer pipe diameter connection 2	20 Millimetre
Material connection 2	Polyvinylidene fluoride (PVDF)	Wall thickness, connection 2	0.7 Millimetre
Material quality connection 2	Polyvinylidene fluoride (PVDF) (expired)	Zeta value	12.1
Surface protection connection 2	Untreated	Length	62.5 Millimetre
Surface treatment connection 2	Untreated	Length of connection 1	49.5 Millimetre
Shape	Bend	Working length connection 1	25 Millimetre
Reducing	✗	Length of connection 2	49.5 Millimetre
Eccentric	✗	Working length connection 2	25 Millimetre
System specific	✓	Wrench width	0 Millimetre
Connection 1	Press sleeve	Wrench width union nut	0 Millimetre
Contour code connection 1	TH	Tightening torque	0 0 Newtonmetre
Connection 2	Press sleeve	Medium temperature (continuous)	-20 60 Degrees celsius
Contour code connection 2	TH	Max. operating pressure at 20 °C	10 Bar
Main colour fitting	Black	Max. operating pressure at max. medium temperature	10 Bar
Flange compression class	PN 10	Standard Dimension Ratio (SDR)	0
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	✗		
KIWA certified	✗		
Gastec QA mark	✓		
KOMO certified	✗		
Type approval according to BBR/EKS	✗		