

13PKG-200420BP: T-female centre Gas 20x1/2"x20



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	34 mm
Length	109 mm
Width	52 mm
Net weight	0.104 kg

Certificates

GASTEC, TSU, ROST

Applications

Gas

Solutions

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

Technical characteristics

Material connection 1	Polyvinylidene fluoride (PVDF)	Angle	90 Degrees
Surface protection connection 1	Untreated	Outer pipe diameter connection 1	20 Millimetre
Surface treatment connection 1	Untreated	Wall thickness, connection 1	0.7 Millimetre
Material connection 2	Brass	Outer pipe diameter connection 3	20 Millimetre
Surface protection connection 2	Untreated	Wall thickness, connection 3	0.7 Millimetre
Surface treatment connection 2	Untreated	Length of connection 1	54.5 Millimetre
Material connection 3	Polyvinylidene fluoride (PVDF)	Working length connection 1	27.5 Millimetre
Surface treatment connection 3	Untreated	Length of connection 2	39 Millimetre
Model	T-piece	Working length connection 2	25 Millimetre
Swept entry type (with inner radius)	✘	Length of connection 3	54.5 Millimetre
Reducing	✘	Working length connection 3	27.5 Millimetre
System specific	✔	Wrench width	0 Millimetre
Connection 1	Press sleeve	Max. operating pressure at 20 °C	10 Bar
Contour code connection 1	TH	Wrench width union nut	0 Millimetre
Nominal diameter connection 2	1/2 inch (15)	Max. operating pressure at max. medium temperature	0 Bar
Connection 2	Internal thread cylindrical BSPP-G (ISO 228-1)	Medium temperature (continuous)	-20 60 Degrees celsius
Connection 3	Press sleeve	Standard Dimension Ratio (SDR)	0
Contour code connection 3	TH		
Flange standard	Other		
Material sealing	Hydrogenated acrylonitrile butadiene rubber (HNBR)		
Main colour fitting	Black		
High tensile strength	✘		
Ring stiffness class	Other		
With sealing rings/gaskets	✔		
With drain valve	✘		
With de-aerator	✘		
With thermal insulation	✘		
With buffer stud	✘		
Capped	✘		
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	✘		