

## 1PKG-1616: Elbow 90° Gas 16x16



### 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	22 mm
Length	58 mm
Width	58 mm
Net weight	0.032 kg

#### Certificates

GASTEC, TSU, ROST

#### Applications

Gas

#### Solutions

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

## Technical characteristics

Material	Plastic	Bend radius	8 Millimetre
Material connection 1	Polyvinylidene fluoride (PVDF)	Outer pipe diameter connection 1	16 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	16 Millimetre
Surface protection connection 1	Untreated	Wall thickness, connection 2	0.7 Millimetre
Surface treatment connection 1	Untreated	Zeta value	21.9
Material connection 2	Polyvinylidene fluoride (PVDF)	Length	58 Millimetre
Material quality connection 2	Polyvinylidene fluoride (PVDF) (expired)	Length of connection 1	47 Millimetre
Surface protection connection 2	Untreated	Working length connection 1	25 Millimetre
Surface treatment connection 2	Untreated	Length of connection 2	47 Millimetre
Shape	Bend	Working length connection 2	25 Millimetre
Reducing	✘	Wrench width	0 Millimetre
Eccentric	✘	Wrench width union nut	0 Millimetre
System specific	✓	Medium temperature (continuous)	-20 60 Degrees celsius
Connection 1	Press sleeve	Max. operating pressure at 20 °C	10 Bar
Contour code connection 1	TH/BE	Max. operating pressure at max. medium temperature	10 Bar
Connection 2	Press sleeve	Standard Dimension Ratio (SDR)	0
Contour code connection 2	TH		
Main colour fitting	Black		
Flange compression class	Other		
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 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	✘		