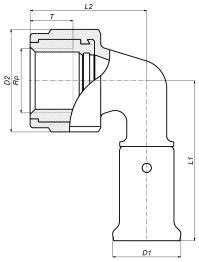
6PK-1603: Bend 90° female adapter 16x3/8"



Commercial information

PVDF press fittings in combination with multilayer pipe, a completely corrosion-free system. The synthetic press fittings are made from injection moulded PVDF (Polyvinylidene fluoride)*. 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
- Perfectly suited for drinking water and food
- Highly resistant to chemicals and corrosion
- Embedding is possible without extra protection

Basic unit dimensions	
Height	34 mm
Length	69 mm
Width	49 mm
Net weight	0.097 kg

Certificates

ATG, QB (CSTBat), DVGW Wasser, ETA, KIWA, ÖVGW Wasser, SINTEF, WRAS, KOMO, STF, ÖN EN 21003-2/-3, GOST-R, ITC, TSU, AFNOR, PZH, ACS, DNV-GL, Aenor, Sans 21003, Kontrol Biro, RISE, EMI

Applications

Potable water, Heating, Compressed air, Cooling, Sanitary

Solutions

Building installations, Industry, Utility, Shipbuilding

Technical characteristics

Material connection 1	Polyvinylidene fluoride (PVDF)	Outer pipe diameter connection 1	16	Millimetre
Material quality connection 1	Polyvinylidene fluoride (PVDF) (expired)	Zeta value	2.021	
Surface protection connection 1	Untreated	Length	69	Millimetre
Surface treatment connection 1	Untreated	Length of connection 1	52.5	Millimetre
Material connection 2	Brass	Working length connection 1	25.5	Millimetre
Material quality connection 2	CuZn40Pb2 (CW617N)	Length of connection 2	38	Millimetre
Surface protection connection 2	Untreated	Working length connection 2	24.5	Millimetre
Surface treatment connection 2	Untreated	Wrench width	0	Millimetre
Shape	Bend	Wrench width union nut	0	Millimetre
Reducing	✖	Medium temperature (continuous)	-10|70	Degrees celsius
Eccentric	✖	Max. operating pressure at 20 °C	16	Bar
System specific	✔	Standard Dimension Ratio (SDR)	0	
Connection 1	Press sleeve			
Contour code connection 1	TH			
Nominal diameter connection 2	3/8 inch (10)			
Connection 2	Internal thread cylindrical BSPP-G (ISO 228-1)			
Main colour fitting	Black			
Material sealing	Ethylene-propylene diene monomer rubber (EPDM)			
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	✖			