

9PK-505050: T-piece 50x50x50



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	57 mm
Length	191 mm
Width	124 mm
Net weight	0.436 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, RISE, EMI

Applications

Potable water, Heating, Compressed air, Cooling, Demi Water, Sanitary

Solutions

Building installations, Industry, Utility, Shipbuilding

Technical characteristics

Material connection 1	Polyvinylidene fluoride (PVDF)	Angle	90 Degrees
Material quality connection 1	Other	Outer pipe diameter connection 1	50 Millimetre
Surface protection connection 1	Untreated	Wall thickness, connection 1	0.9 Millimetre
Surface treatment connection 1	Untreated	Wall thickness connecting pipe, connection 1	40 Millimetre
Material connection 2	Polyvinylidene fluoride (PVDF)	Outer pipe diameter connection 2	50 Millimetre
Material quality connection 2	Other	Wall thickness, connection 2	0.9 Millimetre
Surface protection connection 2	Untreated	Wall thickness connecting pipe, connection 2	40 Millimetre
Surface treatment connection 2	Untreated	Outer pipe diameter connection 3	50 Millimetre
Material connection 3	Polyvinylidene fluoride (PVDF)	Wall thickness, connection 3	0.9 Millimetre
Material quality connection 3	Other	Wall thickness connecting pipe, connection 3	40 Millimetre
Surface protection connection 3	Untreated	Length of connection 1	95.5 Millimetre
Surface treatment connection 3	Untreated	Working length connection 1	44.5 Millimetre
Model	T-piece	Length of connection 2	95.5 Millimetre
Swept entry type (with inner radius)	✘	Working length connection 2	44.5 Millimetre
Reducing	✘	Length of connection 3	95.5 Millimetre
System specific	✓	Working length connection 3	44.5 Millimetre
Nominal diameter connection 1	DN 41	Wrench width	0 Millimetre
Connection 1	Press sleeve	Max. operating pressure at 20 °C	10 Bar
Contour code connection 1	BE	Wrench width union nut	0 Millimetre
Nominal diameter connection 2	DN 41	Max. operating pressure at max. medium temperature	10 Bar
Connection 2	Press sleeve	Medium temperature (continuous)	-10 70 Degrees celsius
Contour code connection 2	BE	Standard Dimension Ratio (SDR)	0
Nominal diameter connection 3	DN 41		
Connection 3	Press sleeve		
Contour code connection 3	BE		
Flange standard	Other		
Material sealing	Ethylene-propylene diene monomer rubber (EPDM)		
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	✘		
With connection indicator	✘		
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	✘		

