

18PK-2004-X: Straight female adapter 20x1/2" inox



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 | 59 mm |
| Width | 34 mm |
| Net weight | 0.073 kg |

Certificates

KIWA, ATG, QB (CSTBat), DVGW Wasser, ETA, 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, Demi Water, Sanitary

Solutions

Building installations, Industry, Laboratory, Utility, Shipbuilding

Technical characteristics

| | | | |
|------------------------------------|--|----------------------------------|------------------------|
| Material | Plastic | Bend radius | 0 Millimetre |
| Material connection 1 | Polyvinylidene fluoride (PVDF) | Outer pipe diameter connection 1 | 20 Millimetre |
| Material quality | Polyvinylidene fluoride (PVDF) | Length | 59 Millimetre |
| Material quality connection 1 | Polyvinylidene fluoride (PVDF) (expired) | Length of connection 1 | 36 Millimetre |
| Surface protection connection 1 | Untreated | Working length connection 1 | 9 Millimetre |
| Surface treatment connection 1 | Untreated | Length of connection 2 | 23 Millimetre |
| Material connection 2 | Stainless steel | Working length connection 2 | 9 Millimetre |
| Material quality connection 2 | Stainless steel 316 L (1.4404) | Wrench width | 0 Millimetre |
| Surface protection connection 2 | Untreated | Wrench width union nut | 0 Millimetre |
| Surface treatment connection 2 | Untreated | Medium temperature (continuous) | -10 70 Degrees celsius |
| Shape | Straight | Max. operating pressure at 20 °C | 16 Bar |
| Reducing | ✘ | Standard Dimension Ratio (SDR) | 0 |
| Eccentric | ✘ | | |
| System specific | ✓ | | |
| Connection 1 | Press sleeve | | |
| Contour code connection 1 | TH/BE | | |
| Nominal diameter connection 2 | 1/2 inch (15) | | |
| 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 | ✘ | | |