

## 11PK-202016: T-centre and line Reduced 20x20x16



### 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     | 26 mm    |
| Length     | 100 mm   |
| Width      | 62 mm    |
| Net weight | 0.059 kg |

#### Certificates

ATG, QB (CSTBat), DVGW Wasser, ETA, KIWA, ÖVGW Wasser, SINTEF, WRAS, KOMO, ÖN EN 21003-2/-3, GOST-R, ITC, TSU, AFNOR, PZH, STF, ACS, DNV-GL, Aenor, Sans 21003, Kontrol Biro, 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             |
| 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                | Polyvinylidene fluoride (PVDF)                 | Outer pipe diameter connection 2 | 20 Millimetre          |
| Surface protection connection 2      | Untreated                                      | Wall thickness, connection 2     | 0.7 Millimetre         |
| Surface treatment connection 2       | Untreated                                      | Outer pipe diameter connection 3 | 16 Millimetre          |
| Material connection 3                | Polyvinylidene fluoride (PVDF)                 | Wall thickness, connection 3     | 0.7 Millimetre         |
| Surface treatment connection 3       | Untreated                                      | Length of connection 1           | 49 Millimetre          |
| Model                                | T-piece  | Working length connection 1      | 22 Millimetre          |
| Swept entry type (with inner radius) | ✘  | Length of connection 2           | 49 Millimetre          |
| Reducing                             | ✓  | Working length connection 2      | 22 Millimetre          |
| System specific                      | ✓  | Length of connection 3           | 51 Millimetre          |
| Connection 1                         | Press sleeve                                   | Working length connection 3      | 24 Millimetre          |
| Contour code connection 1            | TH   | Wrench width                     | 0 Millimetre           |
| Connection 2                         | Press sleeve                                   | Max. operating pressure at 20 °C | 16 Bar                 |
| Contour code connection 2            | TH   | Wrench width union nut           | 0 Millimetre           |
| Connection 3                         | Press sleeve                                   | Medium temperature (continuous)  | -10 70 Degrees celsius |
| Contour code connection 3            | TH   | Standard Dimension Ratio (SDR)   | 0                      |
| 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                               | ✘  |                                  |                        |
| 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   | ✘  |                                  |                        |