

## 13PK-400640: T-female centre 40x4/4"x40



### 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     | 46 mm    |
| Length     | 153 mm   |
| Width      | 86 mm    |
| Net weight | 0.283 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, 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 | 40 Millimetre          |
| Surface treatment connection 1       | Untreated                                      | Wall thickness, connection 1     | 0.9 Millimetre         |
| Material connection 2                | Brass                                          | Outer pipe diameter connection 3 | 40 Millimetre          |
| Surface protection connection 2      | Untreated                                      | Wall thickness, connection 3     | 0.9 Millimetre         |
| Surface treatment connection 2       | Untreated                                      | Length of connection 1           | 76.5 Millimetre        |
| Material connection 3                | Polyvinylidene fluoride (PVDF)                 | Working length connection 1      | 40.5 Millimetre        |
| Surface treatment connection 3       | Untreated                                      | Length of connection 2           | 62 Millimetre          |
| Model                                | T-piece                                        | Working length connection 2      | 44.5 Millimetre        |
| Swept entry type (with inner radius) | ✗                                              | Length of connection 3           | 76.5 Millimetre        |
| Reducing                             | ✗                                              | Working length connection 3      | 40.5 Millimetre        |
| System specific                      | ✓                                              | 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        | 1 inch (25)                                    | Medium temperature (continuous)  | -10 70 Degrees celsius |
| Connection 2                         | Internal thread cylindrical BSPP-G (ISO 228-1) | Standard Dimension Ratio (SDR)   | 0                      |
| 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                               | ✗                                              |                                  |                        |
| 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   | ✗                                              |                                  |                        |