

Product Data Sheet

2/18/2026

Seals & Fittings

CLEVERFIT Compression tee

Romania - Purmo



- **Secure connection**
- **Easy to install**
- **High pressure capacity**
- **Temperature resistant**
- **Wide application range**

Description

The CLEVERFIT Compression Tee is engineered to provide secure and durable connections in heating systems. It supports compression fittings, allowing for quick and easy installation without compromising reliability. Suitable for a wide range of applications, it can withstand operating pressures up to 10 bar and temperatures up to 120°C. Ideal for central heating and underfloor heating systems, this tee fitting is a must-have for any professional installer looking for quality and performance.

Area of Application

CLEVERFIT Compression Tee is ideal for use in central heating systems, connecting radiators, and underfloor heating systems. It supports compression connections, ensuring secure and reliable fittings for various heating applications involving water and other fluids up to operating pressures of 10 bar and temperatures up to 120°C.

Selection Criteria

For selecting the appropriate CLEVERFIT Compression Tee, consider the system pressure, temperature requirements, and pipe diameter. For detailed assistance, use our design service or refer to our brochure.

Basic User Instructions

Ensure all components are clean and the pipe ends are cut square. Insert the pipe fully into the fitting until it reaches the stop. Tighten the nut onto the fitting body using a wrench until secure. Do not overtighten as this may damage the fitting and compromise the seal. Regular inspection is advised to maintain optimal performance.

Prescription text specifiers

CLEVERFIT Compression Tee offers secure and reliable connections for heating systems. Compatible with 10 bar pressure and 120°C temperature, it is perfect for central heating and underfloor heating applications. Easy-to-install, it features robust compression fittings ensuring leak-proof and durable joints. Ideal for connecting radiators and other heating components. Regular maintenance and checks are recommended to ensure optimal performance and longevity.

Warranty

Purmo radiators are warranted for a period of 10 years* from date of purchase against all manufacturing defects when they are used in normal conditions and for a heating system with hot water. The warranty does not apply to defects caused by installation or handling errors, misuse or factors external to the radiators, such as water quality or oxygen-permeable pipes.

Underfloor heating products and piping systems elements are warranted for a period of 10 years**.

* 6 years for galvanized radiators and 2 years for all electronic and electric components and spare parts sold separately (side covers, top grilles, plastic clips, plugs, air vents, fixing parts)

** 30 years for PexPenta pipes

Specification

| Feature | Unit | Value |
|----------------------------------------------------|-----------------|------------------------------------------------|
| Etim Class | | EC003025 - Fitting with 3 connections |
| Depth | Millimetre (mm) | 27, 30 |
| Weight | Kilogram (kg) | 0.161, 0.268, 0.28 |
| Height | Millimetre (mm) | 50, 52, 54 |
| Model | | T-piece |
| Connection 1 | | Press sleeve |
| Connection 2 | | Press sleeve |
| Swept entry type (with inner radius) | | No |
| Surface protection connection 1 | | Other |
| Surface treatment connection 1 | | Other |
| Surface protection connection 2 | | Other |
| Surface treatment connection 2 | | Other |
| Material connection 3 | | Polyphenylsulfone (PPSU) |
| Material quality connection 3 | | Other |
| Surface protection connection 3 | | Other |
| Surface treatment connection 3 | | Other |
| Contour code connection 1 | | TH |
| Contour code connection 2 | | TH |
| Contour code connection 3 | | TH/U/H |
| Max. operating pressure at max. medium temperature | Bar (bar) | 10 |
| Main colour fitting | | Other |
| With connection indicator | | Yes |
| Capped | | No |
| With sealing rings/gaskets | | Yes |
| Nominal diameter connection 2 | | Other |
| Nominal diameter connection 3 | | Other |
| Connection 3 | | Press sleeve |
| With drain valve | | No |
| With de-aerator | | No |
| With buffer stud | | No |
| FM quality mark | | No |
| UL quality mark | | No |
| ULC quality mark | | No |
| LPCB quality mark | | No |
| Material sealing | | Ethylene-propylene diene monomer rubber (EPDM) |
| Reducing | | No |

| Feature | Unit | Value |
|----------------------------------|----------------------|--------------------------|
| Max. operating pressure at 20 °C | Bar (bar) | 10 |
| Medium temperature (continuous) | Degrees celsius (°C) | 70, 95 |
| Nominal diameter connection 1 | | Other |
| With thermal insulation | | No |
| High tensile strength | | No |
| System specific | | Yes |
| Material connection 1 | | Polyphenylsulfone (PPSU) |
| Material connection 2 | | Polyphenylsulfone (PPSU) |
| Material quality connection 1 | | Other |
| Material quality connection 2 | | Other |
| Multi-part | | Yes |

Resources

| Document Description | Document Type | Link |
|----------------------|---------------|------|
|----------------------|---------------|------|

Items

| Global Item Code | Item Description |
|------------------|-----------------------------|
| FAZ1T16A16A16A00 | Tee set for pipe 20x2on3/4" |
| FAZ1T16A16A16AP0 | Tee HKS Uni 16x16x16 |
| FAZ1T20S20A20AP0 | Tee set for pipe 20x2on3/4" |