

Product Data Sheet

5/24/2025

Seals & Fittings

CLEVERFIT Compression fitting radiator

Romania - Purmo



- Versatility
- Reliability
- Ease of Installation
- Maintenance-Free
- Universal Compatibility

Description

Designed for both new installations and renovations, the CLEVERFIT Compression Fitting Radiator offers versatility and reliability in central heating systems, underfloor heating, and domestic water connections. It supports various pipe dimensions and materials, ensuring a secure and leak-free installation. These fittings are engineered to be user-friendly and efficient, requiring minimal maintenance while providing long-term performance and durability.

Area of Application

The CLEVERFIT Compression Fitting Radiator is ideal for use in central heating systems, domestic water connections, underfloor heating systems, and radiator installations. Designed for both new installations and renovations, it supports various environments including residential and commercial settings.

Selection Criteria

For selecting the appropriate product, consider the specific connection type and dimensions required for your system. For detailed selection and support, use our design service or refer to our brochure.

Basic User Instructions

Before installation, ensure all connection points are clean and free of debris. Apply the compression fitting by inserting the pipe and tightening the nut without over-tightening. Make sure to pressurize the system gradually to check for leaks. Regularly inspect the fittings for signs of wear or leaks and tighten if necessary.

Prescription text specifiers

The CLEVERFIT Compression Fitting Radiator is designed for efficient and secure installation in central heating, underfloor heating, and domestic water systems. The fittings are compatible with various pipe materials and sizes, ensuring a strong and leak-free connection. Installation is straightforward, requiring minimal tools and maintenance once installed. The product meets industry standards for durability and performance, providing long-term reliability in both new installations and renovations. Ideal for professional use in residential and commercial environments.

Warranty

Specification

| Feature | Unit | Value |
|--|----------------------|--|
| Etim Class | | EC003024 - Fitting with 2 connections |
| Depth | Millimetre (mm) | 30 |
| Weight | Kilogram (kg) | 0.11, 0.115 |
| Height | Millimetre (mm) | 22, 38 |
| Model | | 1-part |
| Shape | | Straight |
| Connection 1 | | Internal thread metric |
| Connection 2 | | Internal thread metric |
| Length | Millimetre (mm) | 30 |
| Surface protection connection 1 | | Nickel-plated |
| Surface treatment connection 1 | | Pickled |
| Surface protection connection 2 | | Nickel-plated |
| Surface treatment connection 2 | | Pickled |
| Contour code connection 1 | | TH/U |
| Contour code connection 2 | | TH/U |
| Max. operating pressure at max. medium temperature | Bar (bar) | 10 |
| Main colour fitting | | Other |
| With connection indicator | | Yes |
| Zeta value | | 1.5, 5.4 |
| Capped | | No |
| With sealing rings/gaskets | | Yes |
| Nominal diameter connection 2 | | DN 15 |
| Eccentric | | No |
| With drain valve | | No |
| With de-aerator | | No |
| Outer pipe diameter connection 1 | Millimetre (mm) | 16, 20 |
| Outer pipe diameter connection 2 | Millimetre (mm) | 15 |
| With buffer stud | | No |
| Wall thickness, connection 1 | Millimetre (mm) | 2, 3 |
| Material sealing | | Ethylene-propylene diene monomer rubber (EPDM) |
| Reducing | | Yes |
| Max. operating pressure at 20 °C | Bar (bar) | 10 |
| Medium temperature (continuous) | Degrees celsius (°C) | 70, 95 |
| Nominal diameter connection 1 | | DN 12, DN 15 |
| With thermal insulation | | No |
| High tensile strength | | Yes |

| Feature | Unit | Value |
|-------------------------------|------|--------------------|
| System specific | | Yes |
| Material connection 1 | | Brass |
| Material connection 2 | | Brass |
| Material quality connection 1 | | CuZn39Pb3 (CW617N) |
| Material quality connection 2 | | CuZn39Pb3 (CW617N) |

Resources

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

Items

| Global Item Code | Item Description |
|------------------|------------------------------|
| FAZ1S12M14A34FP0 | Fitting Pipe-rad. 14x2on1/2" |
| FAZ1S12M16A34FP0 | Fitting Pipe-rad. 16x2on1/2" |
| FAZ1S12M20A000P0 | Fitting Pipe-rad. 20x2on1/2" |