

Product Data Sheet

12/21/2025

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, 0.2
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		Several, TH/U
Max. operating pressure at max. medium temperature	Bar (bar)	10
Main colour fitting		Other
Wall thickness connecting pipe, connection 1	Millimetre (mm)	2
With connection indicator		Yes
Zeta value		1.5, 5.4
Capped		No
With sealing rings/gaskets		Yes
Nominal diameter connection 2		1/2 inch (15), DN 15
Eccentric		No
With drain valve		No
With de-aerator		No
Outer pipe diameter connection 1	Millimetre (mm)	16, 17, 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, Other

Feature	Unit	Value
With thermal insulation		No
High tensile strength		Yes
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
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Items

Global Item Code	Item Description
FAZ1S12M14A34FP0	Fitting Pipe-rad. 14x2on1/2"
FAZ1S12M16A34FP0	Fitting Pipe-rad. 16x2on1/2"
FAZ1S12M17S00000	Universal Connection 1/2"x17mm
FAZ1S12M20A000P0	Fitting Pipe-rad. 20x2on1/2"