

F3 Compression Adapter for Plastic and Multilayer Composite Pipes

simplex

Product Description

Compression adapter for plastic and multilayer composite pipes for G 3/4" male thread for connection to Euro taper as per DIN EN 16313, consisting of a union nut, plastic clamp ring and sleeve. O-ring seal on the sleeve. The distance between the sleeve and pipe on the clamp ring is intended for the galvanic separation of the materials. Complete with stop - there is no need to check the minimum tightening torque.

Technical Data

Pressure or temperature stress according to the pipe manufacturer's specifications.

Operating medium:

Heating water in accordance with VDI 2035

Surface finish:

nickel-plated or chrome-plated

Euro taper:

DIN EN 16313

Appropriate Pipes

refer to page 2

Materials

Nut:

Nickel-plated or chrome-plated brass

Sleeve:

Brass

Clamp ring with integral separating disc:

Plastic

O-ring:

EPDM



Area of Application



Heating systems

Versions

Art. no.	Dimensions	Version
F11460	12 x 2 x G3/4f Euro taper	nickel-plated
F11461	14 x 2 x G3/4f Euro taper	nickel-plated
F11467	16 x 1.5 x G3/4f Euro taper	nickel-plated
F11462	16 x 2 x G3/4f Euro taper	nickel-plated
F11482	16 x 2 x G3/4f Euro taper	chrome-plated
F11464	16 x 2.2 x G3/4f Euro taper	nickel-plated
F11463	17 x 2 x G3/4f Euro taper	nickel-plated
F11483	17 x 2 x G3/4f Euro taper	chrome-plated
F11456	17 x 2.5 x G3/4f Euro taper	nickel-plated
F11459	18 x 2 x G3/4f Euro taper	nickel-plated
F11465	20 x 2 x G3/4f Euro taper	nickel-plated
F11457	20 x 2.25 x G3/4f Euro taper	nickel-plated
F11469	20 x 2.5 x G3/4f Euro taper	nickel-plated
F11468	20 x 2.8 x G3/4f Euro taper	nickel-plated

F3 Compression Adapter

Appropriate Pipes

Simplex Armaturen & Systeme GmbH has no access to technical modifications by the pipe manufacturer and therefore reserves the right make adjustments and technical amendments to the compression adapters.

For material specifications please refer to the relevant pipe manufacturer's specifications. Pipes which meet the following technical requirements are generally suitable.

DIN 16833/16834 - Pipes made of Polyethylene with raised temperature resistance (PE-RT) - general quality requirements and testing, dimensions

DIN 16892 - Cross-linked high-density polyethylene (PE-X) pipes – General quality requirements and testing

DIN 16893 - Cross-linked high-density polyethylene (PE-X) pipes – Dimensions

DIN 16894 - Cross-linked medium-density polyethylene (PE-MDX) pipes – General quality requirements and testing

DIN EN ISO 15875 - Plastic piping systems for cold and hot water systems - cross-linked polyethylene (PE-X)

DIN EN ISO 15874 - Plastic piping systems for cold and hot water systems - polypropylene (PP)

DIN EN ISO 15876 - Plastic piping systems for cold and hot water systems - Polybutylene (PB)

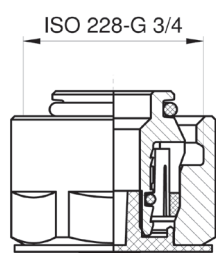
DIN EN ISO 15877 - Plastic piping systems for cold and hot water systems - Chlorinated polyvinyl chloride (CPVC)

DIN 16836 - Multilayer composite pipes - Polyolefin-aluminium composite pipes

DIN 16837 - Multilayer composite pipes - multi-layer plastic composite pipes

DIN EN ISO 21003-2 - Multilayer composite pipe systems for hot and cold water systems inside of buildings - Part 2: Pipes (ISO 21003-2:2008); German version EN ISO 21003-2:2008

Dimensional Drawing



Art. no.	Connection Dimension	Thread	SW
F11460	12 x 2	G3/4f Euro taper	27
F11461	14 x 2	G3/4f Euro taper	27
F11467	16 x 1.5	G3/4f Euro taper	27
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Gf= parallel female thread in inches [""] according to DIN EN ISO 228-1

SW = wrench size

Data in mm

All technical data is non-binding and does not represent guaranteed properties of the goods. The illustrations are symbolic and may differ from the respective product. Additional information is available upon request. It is the responsibility of the processor to select products in accordance with their properties. Installation instructions must be followed. Errors and technical changes reserved.