



R179AM

Description

Adaptor for plastic or multilayer pipes, complying with EN 1254-3. For use in plumbing systems.

Versions and product codes



Note.
It is advisable to refer to the current price list catalog or contact the Giacomini technical service, to locate the suitable adaptor intended use.

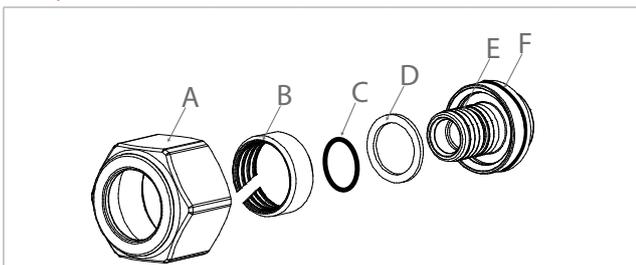
Technical data

- Temperature range: 5÷110 °C
- Max. working pressure: 10 bar

Materials

- Nut, compression ring and pipe-holder: brass
- Separation ring: plastic material
- Black O-Ring for hydraulic seal: EPDM complying with EN 681-1 standard

Components



Legend

A	Nut
B	Compression ring for mechanical seal
C	Internal O-Ring
D	Separation ring
E	Adaptor and probe-holder
F	External O-Ring

Installation

- 1) The pipe must be cut perpendicularly to its axis using the R990 pipe cutter (to make the cut easier, it is recommended to rotate slightly the pipe cutter during the operation) or in case of multilayer pipes, use the RP204 roller pipe cutter to limit the ovality.
- 2) Deburr the pipe inlet with RP205 tool.
- 3) Calibrate the pipe with RP209 tool (only in case of multilayer pipes).
- 4) Lubricate either the hydraulic sealing elements or the internal surface of the pipe in contact with the internal o-ring with lubricants suitable for use with the system material and the intended application of the system.
- 5) Fit the nut on the pipe.
- 6) Fit the compression ring on the pipe.
- 7) Fit the separation ring (only in case of multilayer pipes).
- 8) Insert the pipe-holder into the pipe, till the end.
- 9) Fit the adaptor in the terminal of the thermo-hydraulic distribution/regulation system.
- 10) Proceed with the tightening of the nut to the terminal of the thermo-hydraulic distribution/regulation system.



Warning.

In the joint of the multilayer pipes to the thermo-hydraulic distribution/regulation systems, the interposition of the plastic separation ring between the uncovered surface of the metallic pipe layer and the adaptor body, prevents the arising of electro-corrosive phenomenon that could compromise the joint reliability.

An excessive torque value to the terminal of the thermo-hydraulic distribution/regulation system risks to compromise either the mechanical or the hydraulic behaviour of the fitting.

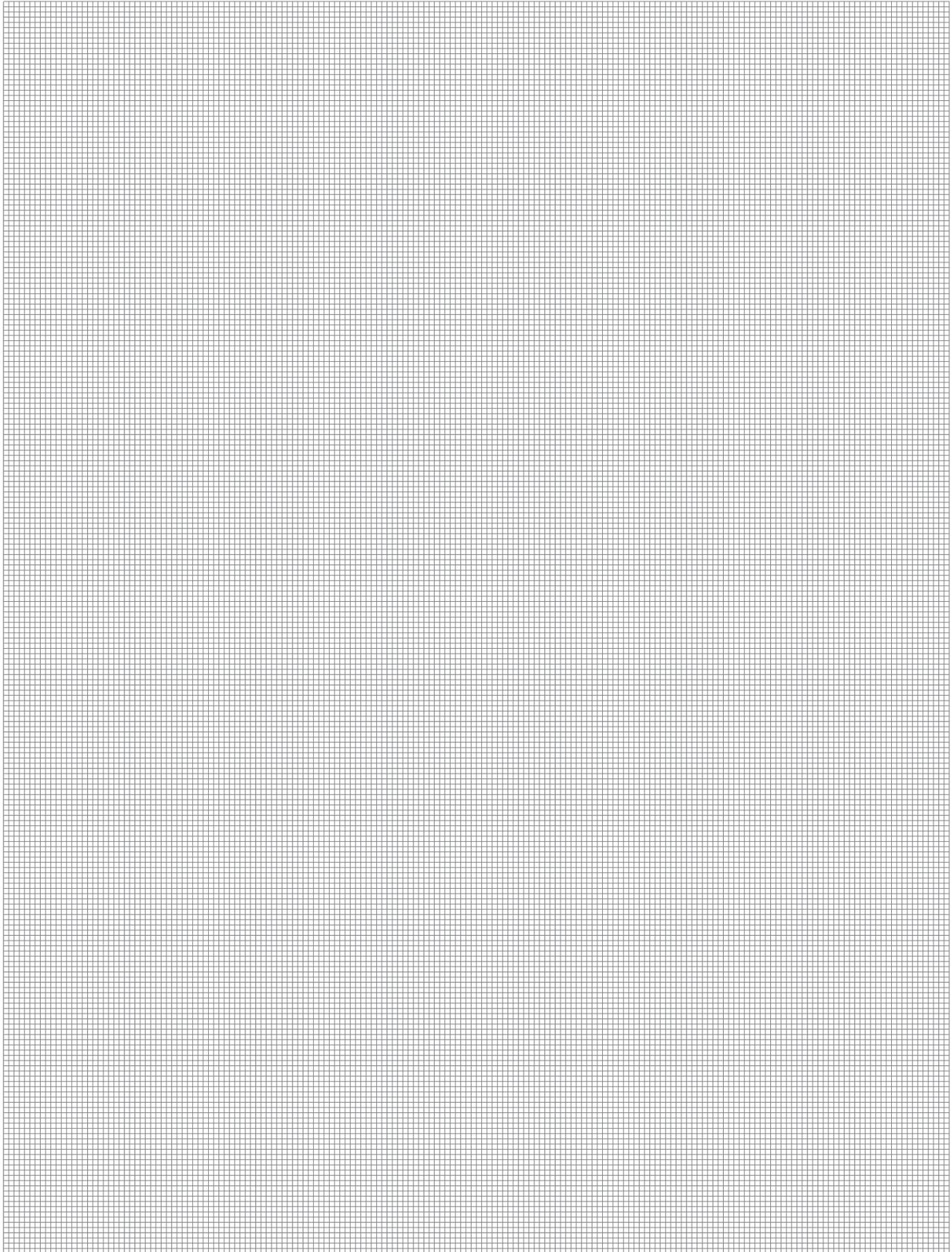
Standard references

- **EN 1254-3:** copper and copper alloys. Plumbing fittings. Fittings with compression ends for use with plastics pipes.
- **EN 1254-4:** copper and copper alloys. Plumbing fittings. Fittings combining other end connections with capillary or compression ends.

Product specifications

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Adaptor for plastic or multilayer pipes, complying with EN 1254-3. Black sealing O-Ring in EPDM, complying with EN 681-1. For plumbing systems. Temperature range 5÷110°C. Maximum working pressure 10 bar.



Additional information

For additional information please check the website www.giacomini.com or contact the technical service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ consulenza.prodotti@giacomini.com
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