

Profipress CR

Submittal Package



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Product group description

Flow-optimised, chrome-plated press connector system made of copper (99.9 % Cu-DHP), gunmetal or silicon bronze for chrome-plated copper pipes. Press connectors for protecting the sealing element equipped with cylindrical pipe guide. The pressing force is located before and behind the sealing element seat. Suitable for concealed and pre-wall installations of riser pipes and floor installations.

Marking

Manufacturer, pipe dimension, batch

Press connector with SC-Contur

Inadvertently unpressed connections are noticed immediately during a leakage test.

Viega guarantees the detection of unpressed connections in the following pressure ranges:

min. water pressure: 0.1 MPa / 100 kPa / 1 bar / 14.5 PSI

max. water pressure: 0.65 MPa / 650 kPa / 6.5 bar / 94.3 PSI

min. air pressure: 22 hPa / 2.2 kPa / 22 mbar / 0.3 PSI

max. air pressure: 0.3 MPa / 300 kPa / 3 bar / 43.5 PSI

Sealing elements

EPDM (ethylene propylene diene rubber), black, pre-assembled

Dimensions

d12–18, size availability in accordance with the national regulations

Tools

The functional safety of Viega press connector systems depends primarily on the faultless condition of the press tools used. Viega recommends the use of Viega press tools for pressing Viega press connectors. Viega press tools have to be regularly maintained by authorised service partners.

Areas of application

Potable water

Heating/radiator connection

Note

Use of the system for areas of application and media other than those described must be agreed in consultation with Viega! Detailed information about applications, restrictions and national standards and directives can be found in the product information, either printed or on the Viega website.

Note – Standards and approvals

Press connectors tested in accordance with DVGW Worksheet W 534 with DVGW test mark.

Press connectors suitable for copper pipes in accordance with DIN EN 1057 and DVGW Worksheet GW 392.

For use in heating systems, observe VDI Regulation 2035 and DIN EN 12828.

Note – Limitations of use potable water

The press connector system Profipress is suitable for the creation of potable water installations according to DIN 1988-200 and EN 806-2 in consideration of the selection of material in accordance with DIN EN 12502-1 and according to the evaluation basis for metallic materials in contact with potable water of the Umweltbundesamt (UBA) (German Federal Environment Agency). When used for other areas of use and when in doubt about the right selection of material, please contact Viega.

With regard to the possible exceeding of the limit value for copper ions according to the Potable Water Ordinance (PWO), pipes and connectors made of copper may only be used when the pH value is ≥ 7.4 or the total volume of organic carbon does not exceed $\text{TOC} = 1.5 \text{ mg/l}$ at values between $\text{pH} = 7.0\text{--}7.4!$


Copper: 99.9 % Cu-DHP
gunmetal: CC499K
silicon bronze: CC246E / CuSi4Zn9MnP

Subject to change without prior notice!

Latest Z- and installation dimensions as well as further technical information can be found on the Viega website and have to be checked before purchase, planning, construction work and use. Our products are continuously optimised.

This product description contains important information on choice of product and system, mounting, commissioning as well as intended use and, if required, on maintenance measures. This information on products, their features and application techniques is based on currently valid standards in Europe (e.g. EN) and/or in Germany (e.g. DIN/DVGW). Some passages in the text may refer to technical regulations in Europe/Germany. These should be considered as recommendations for other countries where no corresponding national requirements exist. The relevant national laws, standards, regulations, directives and other technical provisions take priority over the German/European directives specified in this product description: The information herein is not binding for other countries and regions and should be understood as recommendation.

Certificates

 0134/05	<p>RISE Certificate Profipress, Profipress XL, Profipress chromed</p>
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Imprint

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The Viega GmbH & Co. KG is represented by the general partners: Viega Management B.V. (Managing directors: Michael Klenz, Sebastian Leigemann) and Viega Management GmbH (Managing directors: Michael Klenz, Sebastian Leigemann)

The Submittal Package contains non-binding information that is being provided to you. All contents in the Submittal Package have been compiled with the greatest possible care and attention. Despite this, we are unable to guarantee that the information is up to date, accurate and complete. Placing an order does not automatically render the Submittal Package part of the contract.