

Viega stainless steel pipe 1.4520

Submittal Package



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Product group description

System pipes made of stainless steel 1.4520 for industrial applications. In combination with Profipress, Sanpress, Sanpress XL, Sanpress Inox and Sanpress Inox XL press connectors. Press connectors for protecting the sealing element equipped with cylindrical pipe guide. Press connectors from d64.0 with stainless steel cutting ring to ensure the mechanical strength of the connection. For protection pipes are equipped with pipe plugs. 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, symbol »Not approved for potable water installations«, brown pipe plug



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

Dimensions

d15–108.0

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

Industrial applications

Closed cooling and heating systems

Compressed air systems

Heating/radiator connection

Solar installations

Note

The system components should be protected against high concentrations of chloride generated by both the medium and by external factors. 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

Pipes in accordance with DIN EN 10088-2.

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

Press connector material

Copper: 99.9 % Cu-DHP

Gunmetal: CC499K

Silicon bronze: CC246E / CuSi4Zn9MnP

Stainless steel 1.4401

Protection against external corrosion

In areas of use where condensation cannot be excluded, such as in close cooling circuits or in humid environments, the use of Sanpress and Sanpress Inox press connectors is recommended.

When using Profipress press connectors made of copper in above mentioned areas of use, the connection points between the stainless steel pipe 1.4520 and the Profipress press connectors made of copper have to be protected with an additional corrosion prevention agent.

The use of closed-cell insulating hoses with a careful sealing of all abutting edges and cut edges with suitable adhesive should also be observed.

When used for other areas of use and when in doubt about the right selection of material, please contact Viega.

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.

Permitted pipes

pipe material	Model	Article	external Ø	wall thickness
stainless steel 1.4520	2204	591 175	15	1.0
stainless steel 1.4520	2204	591 182	18	1.0
stainless steel 1.4520	2204	591 199	22	1.2
stainless steel 1.4520	2204	591 205	28	1.2
stainless steel 1.4520	2204	591 212	35	1.5
stainless steel 1.4520	2204	591 229	42	1.5
stainless steel 1.4520	2204	591 236	54	1.5
stainless steel 1.4520	2204XL	792 381	64.0	1.5
stainless steel 1.4520	2204XL	792 398	76.1	1.5
stainless steel 1.4520	2204XL	792 404	88.9	1.5
stainless steel 1.4520	2204XL	792 411	108.0	1.5

Imprint

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