



Effective Date: October 2023

This listing is subject to re-examination in one year.

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CSI: DIVISION: 22 00 00—PLUMBING
Section: 22 11 16—Domestic Water Piping
Section: 22 11 00—Facility Water Distribution
DIVISION: 23 00 00—HEATING, VENTILATING AND AIR-CONDITIONING (HVAC)
Section: 23 21 13—Hydronic Piping

Product: Viega LLC's MegaPress 304 FKM and 316 System: Press-connect stainless steel fittings and pipe used in potable hot and cold-water distribution systems and hydronic heating and cooling systems

Listee: Viega LLC
585 Interlocken Blvd.
Broomfield, CO 80021
www.viega.us

Compliance with the following codes:

2024, 2021, 2018, 2015, 2012, 2009 and 2006 *International Residential Code*® (IRC)
2024, 2021, 2118, 2015, 2012, 2009 and 2006 *International Plumbing Code*® (IPC)
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *International Mechanical Code*® (IMC)
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *Uniform Plumbing Code*® (UPC)*
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *Uniform Mechanical Code*® (UMC)*
2022, 2019, 2016, 2013 and 2010 *California Plumbing Code* (CPC)
2022, 2019, 2016, 2013 and 2010 *California Mechanical Code* (CMC)
2023, 2020 and 2017 *City of Los Angeles Plumbing Code*
2023, 2020 and 2017 *City of Los Angeles Mechanical Code*
2021, 2017 and 2007 *Code of Massachusetts Regulation 248 CMR 10.00: Uniform State Plumbing Code*
2021 and 2017 *Massachusetts State Building Code 780 CMR Ninth Edition: Chapter 28*
ASME B31 Code for Pressure Pipe; standards B31.1-2020, B31.3-2020 and B31.9-2020

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Compliance with the following standards:

ICC-ES LC1002-2013, Press-Connection Fittings for Potable Water Tube and Radiant Heating Systems
ASTM F3226-2019, Standard Specification for Metallic Press-Connect Fittings for Piping and Tubing Systems
IAPMO PS 117-2019, Press Connections
IAPMO/ANSI/CAN Z1117-2022, Press Connections
NSF/ANSI/CAN 61-2022, Drinking Water Systems Components—Health Effects
NSF/ANSI/CAN 372-2022, Drinking Water System Components – Lead Content

Identification:

Fittings: The Viega LLC MegaPress 304 FKM and 316 fittings must bear a permanent marking with the following information:

- Manufacture’s name (Viega) or trademark.
- Nominal size corresponding to the copper tube size.
- Date of manufacture (date code or batch code).
- Potable water products to be marked with “NSF®-61-372.
- Packages of fittings must bear the manufacture’s name (Viega), product name (MegaPress), model number and the ICC-ES PMG listing mark.

Installation:

The Viega MegaPress 304 FKM and 316 system must be installed in accordance with this listing, the applicable code and the manufacturer’s published installation instructions. The manufacturer’s published installation instructions must be furnished to the code official.

Models:

MegaPress 304 FKM: Viega MegaPress 304 FKM fittings are available in sizes from 1/2 inch (13mm) to 4 inches (108mm) and are rated for a maximum operating pressure of 200 pounds per square inch (psi) (1378 kPa). The fittings are available in 304 stainless steel and are provided with a factory installed FKM (fluoroelastomers) sealing element. All fittings have a built-in Smart Connect (SC) feature. The function of the SC feature is to identify connections which have not been pressed. Not approved for Potable Water applications.

DESCRIPTION		SIZE RANGE
Adapter	Stainless Adapter, P x MPT	1/2" to 4"
	Stainless Adapter, P x FPT	1/2" to 4"
Cap	Stainless Cap, P x Cap	1/2" to 4"
Coupling	Stainless Coupling w/Stop, P x P	1/2" to 4"
	Stainless Coupling No Stop, P x P	1/2" to 4"
Transition Coupler	Stainless Transition Coupler, P x P, (IPS X CTS)	1/2" to 4"
Elbow	Stainless Elbow 90°, P x P	1/2" to 4"
	Stainless Elbow 90°, FTG x P	1/2" to 4"
	Stainless Elbow 45°, P x P	1/2" to 4"
	Stainless Elbow 45°, FTG x P	1/2" to 4"
Reducer	Stainless Reducer, P x P	1/2" to 2"
	Stainless Reducer, FTG x P	1/2" to 4"
Tee	Stainless Tee, P x P x P	1/2" to 4"
	Stainless Tee, P x P x FPT	1/2" to 4"
	Stainless Reducing Tee, P x P x FPT	1/2" to 4"
	Stainless Reducing Tee, P x P x P	1/2" to 4"
Union	Stainless Union, P x P	1/2" to 2"
Flange	Stainless 1pc Flange, Flange x P	1/2" to 4"
Valve	Stainless Ball Valve, P x P	1/2" to 4"
	Stainless 3pc Ball Valve, P x P	

MegaPress 316: Viega MegaPress 316 fittings are available in sizes from 1/2 inch (13mm) to 4 inches (108mm) and are rated for a maximum operating pressure of 200 pounds per square inch (psi) (1378 kPa). The fittings are available in 316 stainless steel and are provided with a factory-installed EPDM (ethylene propylene diene monomer) or FKM (fluoroelastomer) sealing element. All fittings have a built-in Smart Connect (SC) feature. The function of the SC feature is to identify connections which have not been pressed. MegaPress 316 with the EPDM seal is approved for potable water applications. MegaPress 316 FKM is not approved for potable water applications.

DESCRIPTION		SIZE RANGE
Adapter	Stainless Adapter, P x MPT	1/2" to 4"
	Stainless Adapter, P x FPT	1/2" to 4"
Cap	Stainless Cap, P x Cap	1/2" to 4"
Coupling	Stainless Coupling w/Stop, P x P	1/2" to 4"
	Stainless Coupling No Stop, P x P	1/2" to 4"
Transition Coupler	Stainless Transition Coupler, P x P, (IPS X CTS)	1/2" to 4"
Elbow	Stainless Elbow 90°, P x P	1/2" to 4"
	Stainless Elbow 90°, FTG x P	1/2" to 4"
	Stainless Elbow 45°, P x P	1/2" to 4"
	Stainless Elbow 45°, FTG x P	1/2" to 4"
Reducer	Stainless Reducer, P x P	1/2" to 2"
	Stainless Reducer, FTG x P	1/2" to 4"
Tee	Stainless Tee, P x P x P	1/2" to 4"
	Stainless Tee, P x P x FPT	1/2" to 2"
	Stainless Reducing Tee, P x P x FPT	1/2" to 4"
	Stainless Reducing Tee, P x P x P	1/2" to 4"
Union	Stainless Union, P x P	1/2" to 2"
Flange	Stainless 1pc Flange, Flange x P	1/2" to 4"
Valve	Stainless Ball Valve, P x P	1/2" to 4"
	Stainless 3pc Ball Valve, P x P	
	Stainless Check Valve, P x P	1/2" to 2"
Strainer	Stainless Wye Strainer, P x P	1/2" to 2"

Conditions of listing:

1. Fittings are for use with Schedule 5 to 40 stainless steel pipe.
2. Operating temperature range for potable water must be within 32°F to 250°F (0°C to 121°C). Operating temperature range for hydronic systems must be within 0°F to 250°F (-17°C to 121°C).
3. The fittings have not been evaluated for use when embedded in a solid material such as concrete.
4. The potable water distribution system utilizing the Viega MegaPress 316 fittings with the EPDM seal must be pressure-tested and inspected in accordance with IPC Section 312.5, 2012 and 2009 IRC Section P2503.7, 2006 IRC Section P2503.6 or UPC Section 609.4, as applicable.

5. Radiant heating systems must be pressure-tested for leaks before installation of the covering in accordance with IMC Section 1208, 2012 and 2009 IRC Section M2103.4 or 2006 IRC Section M2103.3, as applicable
6. The fittings recognized in this listing are manufactured under a quality control program with annual surveillance inspections by ICC-ES.