



Effective Date: April 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 ProPress 316 System: Press-connect stainless steel fittings and tubing 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](http://www.viega.us)

Compliance with the following codes:

2021, 2018, 2015, 2012, 2009 and 2006 *International Residential Code*® (IRC)  
2021, 2018, 2015, 2012, 2009 and 2006 *International Plumbing Code*® (IPC)  
2021, 2018, 2015, 2012, 2009 and 2006 *International Mechanical Code*® (IMC)  
2021, 2018, 2015, 2012, 2009 and 2006 *Uniform Plumbing Code*® (UPC)\*  
2021, 2018, 2015, 2012, 2009 and 2006 *Uniform Mechanical Code*® (UMC)\*  
2019, 2016, 2013 and 2010 *California Plumbing Code* (CPC)  
2019, 2016, 2013 and 2010 *California Mechanical Code* (CMC)  
2020 and 2017 *City of Los Angeles Plumbing Code*  
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 B31.1-2022, B31.3-2022 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  
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:

Tubing and Fittings: The Viega LLC ProPress 316 fittings and tubing 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).
- Mark of third-party testing agency.
  - Standard products to be marked NSF® 61.
  - Low lead products to be marked NSF® 372 or NSF® 61/372.
- Packages of fittings must bear the manufacture’s name (Viega), product name (ProPress 316), model number and the ICC-ES PMG listing mark.

Installation:

The Viega ProPress 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:

Viega ProPress 316 fittings and tubing are available in sizes from 1/2 inch (13mm) to 4 inches (108mm). Viega ProPress 316 fittings and tubing are rated for a maximum operating pressure of 200 pounds per square inch (psi) (1378 kPa). Fittings are available in 316 stainless steel and are provided with a factory-installed EPDM (ethylene propylene diene monomer). 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.

DESCRIPTION		SIZE RANGE
Tubing	ProPress 316 Stainless ECO Tubing	1/2" to 4"
Adapter	Stainless Adapter, P x M NPT	1/2" to 4"
	Stainless Adapter, P x FPT	1/2" to 4"
	XL (Stainless) Adapter, FTG x G (IPS)	2 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 Slip Coupling No Stop, P x P	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, FTG x P	1/2" to 4"
Tee	Stainless Tee, P x P x P	1/2" to 4"
	Stainless Reducing Tee, P x P x FPT	1/2" to 4"
Transition	Stainless Transition - Weld, FTG x BW (IPS)	1/2" to 2"
Union	Stainless Union, P x P	1/2" to 2"
	Stainless Di-Electric Union, P x FPT	1/2" to 2"
Flange	Stainless Adapter Flange, Flange x P	1/2" to 4"

DESCRIPTION		SIZE RANGE
Ball Valve	Stainless Ball Valve	1/2" to 2"

Conditions of listing:

1. Fittings are for use with 316 Stainless steel tubing and/or Viega ProPress 316 ECO Stainless steel tubing.
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 ProPress 316 fittings must be pressure-tested and inspected in accordance with IPC Section 312, IRC Section P2503 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 or IRC Section M2103, as applicable
6. The fittings and tubing under a quality control program with annual surveillance inspections by ICC-ES.