

## System Data

# Viega MegaPress® 316 Fittings



MegaPress 316 fittings are designed to be used with standard IPS ASTM A312 stainless steel pipe and are ideal for industrial applications. MegaPress 316 ½" to 2" fittings can be used with Schedule 5 to Schedule 40 stainless steel pipe and 2½" to 4" fittings

can be used with Schedule 10 to Schedule 40 stainless steel pipe. A MegaPress 316 system can stand up to harsh environments while transporting process water, potable water, ammonia, low pressure steam or any number of other essential fluids or gases. MegaPress 316 fittings in sizes from ½" to 4" are offered in configurations that include elbows, couplings, reducers, tees, reducing tees, threaded adapters, unions, caps and flanges.

### Components

- Alloy: 316 stainless steel
- EPDM sealing element
- 420 stainless steel grip ring
- 304 stainless steel separator ring for ½" to 2" fittings
- PBT separator ring for 2½" to 4" fittings

### Operating Parameters

- Operating Pressure: 200 psi max
- Operating Temperatures: 0° to 250 °F

### Listings and Certificates

- |                        |                                   |
|------------------------|-----------------------------------|
| ■ ABS type approval    | ■ Lloyd's Register                |
| ■ BV (Bureau Veritas)  | ■ NSF®-61                         |
| ■ CRN 23076.5 A/B/C    | ■ NSF®-372                        |
| ■ DNV-GL               | ■ FM Class 1920 (½" to 2" only)   |
| ■ IAPMO/ANSI/CAN Z1117 | ■ ANSI/CAN/UL 213 (½" to 3" only) |
| ■ ICC-ES LC1002        |                                   |

### Compliant With

- ASME B31, B31.1, B31.3, B31.9
- ASTM A312, ASTM A554, ASTM F3226
- NFPA 13, 13D, 13R
- IAPMO California Plumbing Code (CPC)
- IAMPO National Standard Plumbing Code (NSPB)
- IAPMO Uniform Mechanical Code (UMC)
- IAPMO Uniform Plumbing Code (UPC)
- ICC International Mechanical Code (IMC)

- ICC International Plumbing Code (IPC)
- ICC International Residential Code (IRC)
- National Building Code of Canada (NBCC)
- National Plumbing Code of Canada (NPCC)

### Approved Applications

- |                               |                     |
|-------------------------------|---------------------|
| ■ Low-pressure steam          | ■ Caustic solutions |
| ■ Industrial gases            | ■ Acid solutions    |
| ■ Potable water               | ■ Vacuum            |
| ■ Process water (non-potable) |                     |

For more specific information on applications for MegaPress 316, contact Viega Technical Services at 1-800-976-9819.

MegaPress 316 systems are approved for underground installations. Viega recommends protecting both the fitting and pipe with a suitable wrap or coating to prevent corrosion. All installations must comply with local and national codes and standards.

### Recommended Tools

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit (½" to 2")
- #26200 MegaPress XL PressBooster with 2½" press ring
- #57078 MegaPress XL 3" and 4" press ring kit
- #57081 Z3 Actuator with 2½" press ring (must be used with press gun with minimum 80mm press stroke)

### Smart Connect® Technology

MegaPress 316 fittings are manufactured with Viega's unique Smart Connect technology. A design of the fitting, Smart Connect technology allows identifications of an unpressed fitting during pressure testing.



This document is subject to updates. For the most current Viega technical literature, please visit [www.viega.us](http://www.viega.us).



Viega products are designed to be installed by licensed and trained plumbing and mechanical professionals who are familiar with Viega products and their installation. **Installation by non-professionals may void Viega LLC's warranty.**

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SD-MP 0425 MegaPress 316

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