

## System Data

# Viega MegaPress® 304 FKM Fittings



MegaPress 304 FKM fittings are designed to be used with standard IPS ASTM A312 stainless steel pipe to form a complete press system that is ideal for industrial applications.

MegaPress 304 FKM 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 304 FKM system can stand up to harsh environments while transporting process water, diesel fuel, lube oil, ammonia, low pressure steam, or any number of other essential fluids or gases. MegaPress 304 FKM fittings in sizes from ½" to 4" are offered in configurations including: elbows, couplings, reducers, tees, reducing tees, threaded adapters, unions, caps, and flanges.

### Components

- Alloy: 304 stainless steel
- FKM 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: 14°F to 284°F  
(with temperature spikes up to 356°F)

### Listings and Certificates

- |                            |                                   |
|----------------------------|-----------------------------------|
| ■ ABS type approval        | ■ ICC-ES LC1002                   |
| ■ ASME B31.1, B31.3, B31.9 | ■ Lloyd's Register                |
| ■ BV (Bureau Veritas)      | ■ NFPA 13, 13D, 13R               |
| ■ CRN 23076.5 A/B/C        | ■ FM Class 1920 (½" to 2" only)   |
| ■ DNV-GL                   | ■ ANSI/CAN/UL 213 (½" to 3" only) |
| ■ IAPMO PS117              |                                   |

### Compliant With

- ASME B31
- ASTM A312
- ASTM A554
- IAPMO Uniform Mechanical Code (UMC)
- ICC International Mechanical Code (IMC)
- 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              |
| ■ Compressed air     | ■ Vacuum                      |
| ■ Lube oil           | ■ Process water (non-potable) |

For more specific information on applications for MegaPress 304 FKM, contact Viega Technical Services at 1-800-976-9819.

MegaPress 304 FKM systems are approved for underground use. When installed underground, MegaPress 304 FKM should have proper corrosion protection in accordance with local and national codes.

### Recommended Tools

- Standard size press tool (minimum hydraulic ram output of 7200 lbs.)
- #56013 MegaPress jaw/ring kit (½" to 2")
- #26200 MegaPress XL PressBooster with 2½" press ring
- #26201 MegaPress XL 3" and 4" press ring kit
- #57081 Z3 Actuator with 2½" ring (must be used with press gun with minimum 80mm press stroke)

### Smart Connect® Technology

MegaPress 304 FKM fittings are manufactured with Viega's unique Smart Connect technology. A design of the fitting, Smart Connect technology allows identification 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 0321 MegaPress 304 FKM