

System Data

Viega MegaPress® FKM* Fittings

*MegaPress 2½" to 4" formerly MegaPress XL



MegaPress FKM is a carbon steel, cold press system designed for use in chilled water, hydronic heating, compressed air, and fire sprinkler applications. MegaPress FKM fittings in sizes from ½" to 4" are offered in configurations including: elbows, couplings, no-stop couplings, reducers, tees, reducing tees, adapters, unions, caps, and flanges.

Components

- Alloy: carbon steel with corrosion-resistant zinc/nickel coating
- 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
- Test Pressure: 600 psi max
- Operating Temperatures: 14°F to 284°F (with temperature spikes up to 356°F)

Listings and Certificates

- ABS type approval
- ASME B31.1, B31.3, B31.9
- BV (Bureau Veritas)
- CRN 0A14541.5 A/B/C
- DNV-GL
- IAPMO PS117
- ICC LC1002
- Lloyd's Register
- NFPA 13, 13D, 13R
- The following apply to 2½" to 4" fittings only:
- FM Class 1920
- UL/ANSI 213
- ULC/ANSI ORD-C21

Compliant With

- ASME B31: Code for Pressure Piping
- 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)



This document is subject to updates. For the most current Viega technical literature please visit www.viega.us.

Approved Applications

MegaPress FKM		
Application	Pressure (Max)	Temperature
Fire Sprinkler	175 psi	Ambient
Hydronics	200 psi	14°F to 284°F
Low Pressure Steam	Max 15 psi	Max 250°F
Fuel Oil	125 psi	Max 100°F
Industrial Gases	200 psi	Max 140°F
Compressed Air	200 psi	Max 140°F
Vacuum	Max 29.2" of Mercury	Max 140°F

MegaPress FKM is not approved for potable water application. For more specific information on applications for MegaPress FKM, contact Viega Technical Services at 1-800-976-9819.

MegaPress FKM systems are approved for underground use and must be protected against corrosion in accordance with NFPA 54 section 404.8, NACE Standard RP0169-2002 section 5, 2009 UPC Chapter 6 section 609.3.1, 2009 UMC Chapter 13 section 1312.1.3, and in accordance with local and national codes.

MegaPress FKM fittings are designed for use in piping systems utilizing ASTM A53, A106, A135, and A795 Schedule 10 to Schedule 40 carbon steel pipe.

Recommended Tools

- Standard size press tool (minimum hydraulic ram output of 7200 lbs.)
- #56013 MegaPress jaw/ring kit (½" to 2")
- Viega 26200 PressBooster with 2½" MegaPress XL ring
- Viega 26201 3" and 4" MegaPress XL rings

Smart Connect® Technology

MegaPress FKM fittings are manufactured with Viega's patented Smart Connect technology. Designed into the fitting itself, Smart Connect technology allows identification of an unpressed fitting during pressure testing.



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 0120 MegaPress FKM

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