

# MegaPress FKM



2.3



## MegaPress FKM

Viega MegaPress FKM is the first and only clean, secure and efficient choice for joining ½" to 4" carbon steel pipe with an FKM sealing element (formerly known as MegaPress XL for sizes 2½" to 4"). Meticulously engineered, it is suitable for renovations, repairs or installation on new carbon steel pipe systems. Viega MegaPress FKM can even be installed on noncombustible/flammable lines that are not completely shut down, eliminating the need to fully drain a system, and shortening repair and installation time. It is approved for use in hydronic heating, compressed air, fire protection, cooling water, marine applications and many more. Not approved for use with potable water.

### FEATURES AND BENEFITS

- Engineered with a 420 stainless steel grip ring plus a 304 stainless steel separator ring for sizes ½" to 2" and a PBT separator ring for sizes 2½" to 4"
- Approved for more applications than any other carbon steel pipe press fitting system
- Suitable for use with ASTM Schedule 5 to Schedule 40 carbon steel pipe (can be used on higher schedule pipe, but limited to maximum pressure listed)
- Corrosion-resistant zinc nickel coating
- Over 180 engineered fitting configurations from ½" to 4"
- Approved for underground applications, in accordance with code and local AHJ
- The same hanger and support requirements as threaded systems
- Viega Smart Connect technology provides installers added confidence in their ability to ensure secure connections
- UL and FM listed for fire-protection applications
- Not approved for use with Schedule 10½" to 1" pipe where UMC codes apply

### CODES AND STANDARDS

- ASME B31: Code for Pressure Piping
- ASME B31.1: Power Piping
- ASME B31.3: Process Piping
- ASME B31.9: Building Service Piping
- IACS UR P2: Rules for piping design, construction and testing
- IAPMO PS-117: Press Connections
- IAPMO: Uniform Mechanical Code (UMC)
- IAPMO: Uniform Solar, Hydronics and Geothermal Code (USHGC)
- ICC: International Mechanical Code (IMC)
- ICC: International Residential Code (IRC)
- ICC-ES LC1002-2013, Press-Connect Fittings for Potable Water Tube and Radiant Heating Systems
- NFPA 13: Standard for the Installation of Sprinkler Systems
- NFPA 13D: Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes
- NFPA 13R: Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies

### LISTINGS AND CERTIFICATIONS

- ABS: American Bureau of Shipping Type Approval
- BV: Bureau Veritas Type Approval
- Canadian Registration Number (CRN): 14541.5 A/B/C
- DNV GL: Det Norske Veritas Germanischer Lloyd Type Approval
- FM Class 1920: Pipe Couplings and Fittings for Aboveground Fire Protection Systems (2½" to 4" only)
- IAPMO file M8332 (MegaPress FKM)
- ICC-ES LC1002: Press-Connection Fittings for Potable Water Tube and Radiant Heating Systems
- ICC-ES PMG-1124 (MegaPress)
- LR: Lloyd's Register Type Approval
- RINA: Registro Italiano Navale
- ANSI/CAN/UL 213: Standard for Rubber Gasketed Fittings for Fire-Protection Service
- United States Coast Guard Acceptance Letter 2019-3650

### NOTE

A white dot on a Viega MegaPress fitting indicates Smart Connect technology with an FKM sealing element.



**Viega MegaPress reducer**

**Smart Connect technology**

- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Street, press connection

**Components**

FKM sealing element

**Note**

Must be installed with MegaPress XL rings and PressBooster/Z3 actuator

**Model 4815.1XL**

| FTG (IPS) | P  | Wt [lb] | Quantity | Part No      | DG |
|-----------|----|---------|----------|--------------|----|
| 2½        | 1  | 1.181   | 1        | <b>26700</b> | 12 |
| 2½        | 1¼ | 1.305   | 1        | <b>26705</b> | 12 |
| 2½        | 1½ | 1.411   | 1        | <b>26710</b> | 12 |
| 2½        | 2  | 1.492   | 1        | <b>26715</b> | 12 |
| 3         | 1¼ | 1.770   | 1        | <b>26720</b> | 12 |
| 3         | 1½ | 1.880   | 1        | <b>26725</b> | 12 |
| 3         | 2  | 1.970   | 1        | <b>26730</b> | 12 |
| 3         | 2½ | 1.955   | 1        | <b>26735</b> | 12 |
| 4         | 1½ | 3.075   | 1        | <b>26740</b> | 12 |
| 4         | 2  | 3.110   | 1        | <b>26745</b> | 12 |
| 4         | 2½ | 3.037   | 1        | <b>26750</b> | 12 |
| 4         | 3  | 3.262   | 1        | <b>26755</b> | 12 |

**Branch connectors**



**Viega MegaPress Press-In**

**Branch Connector**

- For use with Sch.10 carbon steel pipe only
- Carbon steel
- Press connection, female pipe thread

**Components**

FKM sealing element

**Model 4812.2**

| for d | FPT | Wt [lb] | Quantity | Part No      | DG |
|-------|-----|---------|----------|--------------|----|
| 1½    | ¾   | 0.454   | 1        | <b>26800</b> | 12 |
| 2     | ¾   | 0.452   | 1        | <b>26805</b> | 12 |
| 2½    | ¾   | 0.458   | 1        | <b>26810</b> | 12 |
| 3     | ¾   | 0.452   | 1        | <b>26815</b> | 12 |
| 4     | ¾   | 0.445   | 1        | <b>26820</b> | 12 |
| 6     | ¾   | 0.441   | 1        | <b>26825</b> | 12 |



**Viega MegaPress Press-In**

**Branch Connector**

- For use with Sch. 40 carbon steel pipe only
- Carbon steel
- Press connection, female pipe thread

**Components**

FKM sealing element

**Model 4812.25**

| for d | FPT | Wt [lb] | Quantity | Part No      | DG |
|-------|-----|---------|----------|--------------|----|
| 1½    | ¾   | 0.432   | 1        | <b>26830</b> | 12 |
| 2     | ¾   | 0.441   | 1        | <b>26835</b> | 12 |
| 2½    | ¾   | 0.441   | 1        | <b>26840</b> | 12 |
| 3     | ¾   | 0.410   | 1        | <b>26845</b> | 12 |
| 4     | ¾   | 0.410   | 1        | <b>26850</b> | 12 |
| 6     | ¾   | 0.388   | 1        | <b>26855</b> | 12 |

**Valves**



**Viega MegaPress FKM 3-piece ball valve**

**Smart Connect technology**

- For use with Sch.5 to Sch.40 carbon steel pipe
- 316 stainless steel valve/Carbon steel press ends
- Press connection

**Components**

FKM sealing elements, 304 locking handle

**Model 5975.8**

| P1 | P2 | Wt [lb] | Quantity | Part No      | DG |
|----|----|---------|----------|--------------|----|
| ½  | ½  | 2.085   | 1        | <b>86400</b> | 12 |
| ¾  | ¾  | 3.570   | 1        | <b>86405</b> | 12 |
| 1  | 1  | 4.919   | 1        | <b>86410</b> | 12 |
| 1¼ | 1¼ | 5.715   | 1        | <b>86415</b> | 12 |
| 1½ | 1½ | 8.441   | 1        | <b>86420</b> | 12 |
| 2  | 2  | 8.739   | 1        | <b>86425</b> | 12 |



**New**

**Viega MegaPress FKM 3-piece ball valve**

**Smart Connect technology**

- For use with Sch.5 to Sch.40 carbon steel pipe
- 316 stainless steel valve/Carbon steel press ends
- Press connection

**Components**

FKM sealing elements, 304 locking handle

**Model 5975.8XL**

| P1 | P2 | Wt [lb] | Quantity | Part No                    | DG |
|----|----|---------|----------|----------------------------|----|
| 2½ | 2½ | 11.791  | 1        | <b>86680</b> <sup>1)</sup> | 12 |
| 3  | 3  | 17.522  | 1        | <b>86685</b> <sup>1)</sup> | 12 |
| 4  | 4  | 30.614  | 1        | <b>86690</b> <sup>1)</sup> | 12 |

<sup>1)</sup> Available soon!