

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 45° elbow

Smart Connect technology

- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Press connection

Components

FKM sealing elements

Note

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

Model 4826XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	2.830	1	26530	12
3	3	3.418	1	26535	12
4	4	5.338	1	26540	12



Viega MegaPress 45° street elbow

Smart Connect technology

- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Press connection, street

Components

FKM sealing element

Model 5926.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
½	½	0.320	10	84905	12
¾	¾	0.423	10	84910	12
1	1	0.683	5	84915	12
1¼	1¼	1.071	1	84920	12
1½	1½	1.437	1	84925	12
2	2	2.138	1	84930	12



Viega MegaPress 45° street elbow

Smart Connect technology

- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Press connection, street

Components

FKM sealing element

Note

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

Model 4826.1XL

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
2½	2½	2.707	1	26545	12
3	3	3.165	1	26550	12
4	4	5.259	1	26555	12

Tees



Viega MegaPress tee

Smart Connect technology

- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Press connection

Components

FKM sealing elements

Model 5918

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
½	½	½	0.527	5	84365	12
¾	¾	½	0.650	5	84410	12
¾	¾	¾	0.701	5	84370	12
1	1	½	0.923	5	84415	12
1	1	¾	0.970	5	84420	12
1	1	1	1.045	5	84375	12
1¼	1¼	½	1.380	1	84380	12
1¼	1¼	¾	1.426	1	84385	12
1¼	1¼	1	1.499	1	84390	12
1¼	1¼	1¼	1.657	1	84395	12
1½	1½	½	1.794	1	84425	12
1½	1½	¾	1.843	1	84430	12
1½	1½	1	1.915	1	84435	12
1½	1½	1¼	2.070	1	84440	12
1½	1½	1½	2.191	1	84400	12
2	2	½	2.451	1	84445	12
2	2	¾	2.488	1	84450	12
2	2	1	2.565	1	84455	12
2	2	1¼	2.729	1	84460	12
2	2	1½	2.843	1	84465	12
2	2	2	2.993	1	84405	12