

MegaPress

Viega MegaPress is the first clean, secure and efficient choice for joining carbon steel pipe. It is suitable for renovations, repairs or installation of new carbon steel pipe systems. Viega MegaPress 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 or in fuel gas and oil applications.

FEATURES AND BENEFITS

- 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
- More than 150 engineered fitting configurations from ½" to 2"
- Approved for underground applications, in accordance with code and local AHJ
- Viega Smart Connect technology provides installers added confidence in their ability to ensure secure connections
- UL and FM listed for fire-protection applications

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
- CSA B214: Installation Code for Hydronic Heating Systems
- 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: Press-connection Fittings for Potable Water Tube and Radiant Heating Systems
- National Building Code of Canada (NBCC)
- National Plumbing Code of Canada (NPCC)
- 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
- ASTM F3226: Standard Specification for Metallic Press-Connect Fittings for Piping and Tubing Systems
- 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
- IAPMO file M8332 (MegaPress)
- 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 2018-3613

NOTE

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

MegaPressG

Viega MegaPressG with an HNBR sealing element is the first press fitting system for carbon steel pipe approved for use in gas and fuel oil applications. Viega MegaPressG is ideal for industrial, commercial and residential applications and performs well in both new installations and retrofit projects. Tested to the strictest standards in North America, Viega MegaPressG joins carbon steel pipe reliably through the engineered design of the fittings and a battery-powered press tool. 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 graphite 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 in accordance with AHJ requirements
- Corrosion-resistant zinc nickel coating
- More than 200 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
- Smart Connect technology provides installers added confidence in their ability to ensure secure connections

CODES AND STANDARDS

- 49CFR192: Subparts B-Materials; F-Joining of Materials other than by welding; I-Requirements for Corrosion Control; and Subpart J - Test Requirements
- ASME B31: Code for Pressure Piping
- ASME B31.1: Power Piping
- ASME B31.3: Process Piping
- ASME B31.9: Building Service Piping
- CAN/CSA-B149.1: Natural Gas and Propane Installation Code
- CPC: California Plumbing Code
- IACS UR P2: Rules for piping design, construction and testing
- IAPMO: PS-117: Press Connections
- IAPMO: Uniform Mechanical Code (UMC)
- IAPMO: Uniform Plumbing Code (UPC)
- ICC: International Fuel Gas Code (IFGC)
- ICC: International Mechanical Code (IMC)
- ICC: International Residential Code (IRC)
- CSA: ANSI LC 4a/CSA 6.32a: Press-Connect Metallic Fittings For Use in Fuel Gas Distribution Systems
- National Building Code of Canada (NBCC)
- NFPA 30: Flammable and Combustible Liquids Code
- NFPA 54/Z223: National Fuel Gas Code
- NFPA 58: Liquefied Petroleum Gas Code

LISTINGS AND CERTIFICATIONS

- ABS: American Bureau of Shipping Type Approval
- ASTM F3226: Standard Specification for Metallic Press-Connect Fittings for Piping and Tubing Systems
- BV: Bureau Veritas Type Approval
- Canadian Registration Number (CRN): 14541.5 A/B/C
- CSA: ANSI LC 4a/CSA 6.32a: Press-Connect Metallic Fittings for Use in Fuel Gas Distribution Systems
- DNV GL: Det Norske Veritas Germanischer Lloyd Type Approval
- IAPMO: ANSI LC 4a/CSA 6.32a: Press-Connect Metallic Fittings for Use in Fuel Gas Distribution Systems
- IAPMO file 5318
- ICC-ES PMG Product Certificate PMG-1036 (MegaPress G)
- LR: Lloyd's Register Type Approval
- RINA: Registro Italiano Navale
- United States Coast Guard Acceptance Letter 2018-3613

NOTE

A yellow dot on a Viega MegaPressG fitting indicates Smart Connect technology with an HNBR sealing element.


Viega MegaPressG flange
Smart Connect technology

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

Components

HNBR sealing element

Note

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

Model 6659.5XL

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
2½	4	5½	8.426	1	28875	12
3	4	6	9.881	1	28880	12
4	8	7½	13.874	1	28885	12

BP = bolt pattern

BPd = bolt pattern diameter

Caps


Viega MegaPressG cap
Smart Connect technology

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

Components

HNBR sealing element

Model 6656

P	Wt [lb]	Quantity	Part No	DG
½	0.203	10	25731	12
¾	0.264	10	25736	12
1	0.397	5	25741	12
1¼	0.617	1	25746	12
1½	0.804	1	25751	12
2	1.080	1	25756	12


Viega MegaPressG cap
Smart Connect technology

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

Components

HNBR sealing element

Note

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

Model 6656XL

P	Wt [lb]	Quantity	Part No	DG
2½	1.309	1	28860	12
3	1.708	1	28865	12
4	2.746	1	28870	12

Unions


Viega MegaPressG union
Smart Connect technology

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

Components

HNBR sealing elements

Model 6660

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.758	5	25701	12
¾	¾	1.212	5	25706	12
1	1	1.441	5	25711	12
1¼	1¼	2.424	1	25716	12
1½	1½	2.689	1	25721	12
2	2	4.188	1	25726	12


Viega MegaPressG union
Smart Connect technology

- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Press connection, female pipe thread
- Ground joint

Components

HNBR sealing element

Model 6662

P	FPT	Wt [lb]	Quantity	Part No	DG
½	½	0.675	5	25651	12
¾	¾	1.107	5	25656	12
1	1	1.358	5	25661	12
1¼	1¼	2.343	1	25666	12
1½	1½	2.226	1	25671	12
2	2	3.295	1	25676	12