

MegaPressG



2.2

viega

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 tee
Smart Connect technology

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

Components

HNBR sealing elements

Note

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

Model 6618XL

| P1 | P2 | P3 | Wt [lb] | Quantity | Part No | DG |
|----|----|----|---------|----------|--------------|----|
| 2½ | 2½ | 1 | 2.358 | 1 | 28910 | 12 |
| 2½ | 2½ | 1¼ | 2.729 | 1 | 28905 | 12 |
| 2½ | 2½ | 1½ | 2.821 | 1 | 28675 | 12 |
| 2½ | 2½ | 2 | 3.246 | 1 | 28680 | 12 |
| 2½ | 2½ | 2½ | 3.369 | 1 | 28660 | 12 |
| 3 | 3 | 1¼ | 3.577 | 1 | 28695 | 12 |
| 3 | 3 | 1½ | 3.753 | 1 | 28690 | 12 |
| 3 | 3 | 2 | 4.077 | 1 | 28685 | 12 |
| 3 | 3 | 2½ | 4.256 | 1 | 28700 | 12 |
| 3 | 3 | 3 | 4.796 | 1 | 28665 | 12 |
| 4 | 4 | 1½ | 5.539 | 1 | 28705 | 12 |
| 4 | 4 | 2 | 5.953 | 1 | 28710 | 12 |
| 4 | 4 | 2½ | 6.325 | 1 | 28715 | 12 |
| 4 | 4 | 3 | 6.727 | 1 | 28720 | 12 |
| 4 | 4 | 4 | 7.994 | 1 | 28670 | 12 |


Viega MegaPressG tee
Smart Connect technology

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

Components

HNBR sealing elements

Model 6617.2

| P1 | P2 | FPT | Wt [lb] | Quantity | Part No | DG |
|----|----|-----|---------|----------|--------------|----|
| ¾ | ¾ | ½ | 0.613 | 5 | 25406 | 12 |
| ¾ | ¾ | ¾ | 0.639 | 5 | 25481 | 12 |
| 1 | 1 | ½ | 0.886 | 5 | 25411 | 12 |
| 1 | 1 | ¾ | 0.915 | 5 | 25416 | 12 |
| 1¼ | 1¼ | ½ | 1.344 | 1 | 25486 | 12 |
| 1¼ | 1¼ | ¾ | 1.349 | 1 | 25506 | 12 |
| 1¼ | 1¼ | 1 | 1.444 | 1 | 25501 | 12 |
| 1½ | 1½ | ½ | 1.706 | 1 | 25436 | 12 |
| 1½ | 1½ | ¾ | 1.741 | 1 | 25441 | 12 |
| 1½ | 1½ | 1 | 1.929 | 1 | 25446 | 12 |
| 1½ | 1½ | 1¼ | 1.829 | 1 | 25451 | 12 |
| 2 | 2 | ½ | 2.358 | 1 | 25456 | 12 |
| 2 | 2 | ¾ | 2.391 | 1 | 25461 | 12 |
| 2 | 2 | 1 | 2.535 | 1 | 25466 | 12 |
| 2 | 2 | 1¼ | 2.446 | 1 | 25471 | 12 |
| 2 | 2 | 1½ | 2.601 | 1 | 25476 | 12 |


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- Carbon steel
- Press connection, female pipe thread

Components

HNBR sealing elements

Note

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

Model 6617.2XL

| P1 | P2 | FPT | Wt [lb] | Quantity | Part No | DG |
|----|----|-----|---------|----------|--------------|----|
| 2½ | 2½ | ¾ | 2.244 | 1 | 28725 | 12 |
| 3 | 3 | ¾ | 3.097 | 1 | 28730 | 12 |
| 4 | 4 | ¾ | 4.501 | 1 | 28735 | 12 |

Adapters

Viega MegaPressG adapter
Smart Connect technology

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

Components

HNBR sealing element

Model 6611

| P | MPT | Wt [lb] | Quantity | Part No | DG |
|----|-----|---------|----------|--------------|----|
| ½ | ½ | 0.227 | 10 | 25101 | 12 |
| ¾ | ¾ | 0.313 | 10 | 25106 | 12 |
| 1 | 1 | 0.474 | 5 | 25111 | 12 |
| 1¼ | 1¼ | 0.767 | 5 | 25116 | 12 |
| 1½ | 1½ | 1.069 | 1 | 25121 | 12 |
| 2 | 2 | 1.433 | 1 | 25126 | 12 |