

MegaPress



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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.



Viega MegaPress tee
Smart Connect technology
 - For use with Sch.5 to Sch.40 carbon steel pipe
 - Carbon steel
 - Press connection, female pipe thread
Components
 EPDM sealing elements
Model 4817.2

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
¾	¾	½	0.611	5	25405	12
¾	¾	¾	0.639	5	25480	12
1	1	½	0.884	5	25410	12
1	1	¾	0.915	5	25415	12
1¼	1¼	½	1.344	1	25485	12
1¼	1¼	¾	1.349	1	25505	12
1¼	1¼	1	1.492	1	25500	12
1½	1½	½	1.715	1	25435	12
1½	1½	¾	1.741	1	25440	12
1½	1½	1	1.929	1	25445	12
1½	1½	1¼	1.829	1	25450	12
2	2	½	2.358	1	25455	12
2	2	¾	2.400	1	25460	12
2	2	1	2.535	1	25465	12
2	2	1¼	2.446	1	25470	12
2	2	1½	2.601	1	25475	12

Adapters



Viega MegaPress adapter
Smart Connect technology
 - For use with Sch.5 to Sch.40 carbon steel pipe
 - Carbon steel
 - Press connection, male pipe thread
Components
 EPDM sealing element
Model 4811

P	MPT	Wt [lb]	Quantity	Part No	DG
½	½	0.226	10	25100	12
¾	¾	0.309	10	25105	12
1	1	0.483	5	25110	12
1¼	1¼	0.771	5	25115	12
1½	1½	1.065	1	25120	12
2	2	1.411	1	25125	12



Viega MegaPress adapter
Smart Connect technology
 - For use with Sch.5 to Sch.40 carbon steel pipe
 - Carbon steel
 - Press connection, female pipe thread
Components
 EPDM sealing element
Model 4812

P	FPT	Wt [lb]	Quantity	Part No	DG
½	½	0.242	10	25130	12
¾	½	0.293	10	25575	12
¾	¾	0.313	10	25135	12
1	½	0.441	10	25580	12
1	¾	0.430	5	25585	12
1	1	0.538	5	25140	12
1¼	½	0.688	1	25590	12
1¼	¾	0.670	1	25595	12
1¼	1	0.745	1	25600	12
1¼	1¼	0.655	5	25145	12
1½	½	0.831	1	25605	12
1½	¾	0.860	1	25610	12
1½	1	0.959	1	25615	12
1½	1¼	0.838	1	25620	12
1½	1½	0.948	1	25150	12
2	½	1.102	1	25625	12
2	¾	1.124	1	25630	12
2	1	1.212	1	25635	12
2	1¼	1.157	1	25640	12
2	1½	1.190	1	25645	12
2	2	1.322	1	25155	12

Flanges



Viega MegaPress flange
Smart Connect technology
 - For use with Sch.5 to Sch.40 carbon steel pipe
 - Carbon steel
 - Press connection
Components
 EPDM sealing element
Model 4859.5

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
½	4	2¾	1.080	1	25760	12
¾	4	2¾	1.265	1	25765	12
1	4	3⅝	2.070	1	25770	12
1¼	4	3½	2.740	1	25775	12
1½	4	3⅞	3.594	1	25780	12
2	4	4¾	5.400	1	25785	12

BP = bolt pattern
 BPd = bolt pattern diameter

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