MegaPress

viega

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.

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Elbows

Viega MegaPress 90° elbow
Smart Connect technology
- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Press connection

Components
EPDM sealing elements
Model 4816

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.370	10	**25200**	12
¾	¾	0.503	10	**25205**	12
1	1	0.829	5	**25210**	12
1¼	1¼	1.281	1	**25215**	12
1½	1½	1.730	1	**25220**	12
2	2	2.546	1	**25225**	12

Viega MegaPress 90° street elbow
Smart Connect technology
- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Press connection, street

Components
EPDM sealing element
Model 4816.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
½	½	0.379	10	**26050**	12
¾	¾	0.531	10	**26055**	12
1	1	0.838	5	**26060**	12
1¼	1¼	1.300	1	**26065**	12
1½	1½	1.790	1	**26070**	12
2	2	2.596	1	**26075**	12

Viega MegaPress 45° elbow
Smart Connect technology
- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Press connection

Components
EPDM sealing elements
Model 4826

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.304	10	**25230**	12
¾	¾	0.410	10	**25235**	12
1	1	0.661	5	**25240**	12
1¼	1¼	1.051	1	**25245**	12
1½	1½	1.389	1	**25250**	12
2	2	1.951	1	**25255**	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
EPDM sealing element
Model 4826.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
½	½	0.312	10	**26100**	12
¾	¾	0.428	10	**26105**	12
1	1	0.677	5	**26110**	12
1¼	1¼	1.058	1	**26115**	12
1½	1½	1.435	1	**26120**	12
2	2	2.094	1	**26125**	12

Tees

Viega MegaPress tee
Smart Connect technology
- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Press connection

Components
EPDM sealing elements
Model 4818

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
½	½	½	0.507	5	**25300**	12
¾	¾	½	0.639	5	**25330**	12
¾	¾	¾	0.679	5	**25305**	12
1	1	½	0.904	5	**25335**	12
1	1	¾	0.957	5	**25340**	12
1	1	1	1.036	5	**25310**	12
1¼	1¼	½	1.348	1	**25510**	12
1¼	1¼	¾	1.393	1	**25515**	12
1¼	1¼	1	1.477	1	**25350**	12
1¼	1¼	1¼	1.620	1	**25315**	12
1½	1½	½	1.873	1	**25360**	12
1½	1½	¾	1.799	1	**25365**	12
1½	1½	1	1.873	1	**25370**	12
1½	1½	1¼	2.036	1	**25375**	12
1½	1½	1½	2.160	1	**25320**	12
2	2	½	2.539	1	**25380**	12
2	2	¾	2.424	1	**25385**	12
2	2	1	2.513	1	**25390**	12
2	2	1¼	2.678	1	**25395**	12
2	2	1½	2.777	1	**25400**	12
2	2	2	2.909	1	**25325**	12

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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	2⅜	1.080	1	**25760**	12
¾	4	2¾	1.265	1	**25765**	12
1	4	3⅛	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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Caps

Viega MegaPress cap
Smart Connect technology
- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Press connection

Components
  EPDM sealing element
Model 4856

P	Wt [lb]	Quantity	Part No	DG
½	0.203	10	**25730**	12
¾	0.264	10	**25735**	12
1	0.397	5	**25740**	12
1¼	0.617	1	**25745**	12
1½	0.804	1	**25750**	12
2	1.080	1	**25755**	12

Unions

Viega MegaPress union
Smart Connect technology
- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Press connection

Components
  EPDM flat gasket, EPDM sealing elements
Model 4860

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.760	5	**25700**	12
¾	¾	1.197	5	**25705**	12
1	1	1.406	5	**25710**	12
1¼	1¼	2.391	1	**25715**	12
1½	1½	2.689	1	**25720**	12
2	2	4.188	1	**25725**	12

Viega MegaPress union
Smart Connect technology
- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Press connection, female pipe thread

Components
  EPDM flat gasket, EPDM sealing element
Model 4862

P	FPT	Wt [lb]	Quantity	Part No	DG
½	½	0.621	5	**25650**	12
¾	¾	1.028	5	**25655**	12
1	1	1.192	5	**25660**	12
1¼	1¼	2.065	1	**25665**	12
1½	1½	2.012	1	**25670**	12
2	2	3.324	1	**25675**	12

Couplings

Viega MegaPress coupling
With stop
Smart Connect technology
- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Press connection

Components
  EPDM sealing elements
Model 4815

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.264	10	**25000**	12
¾	¾	0.342	10	**22005**	12
1	1	0.505	5	**25010**	12
1¼	1¼	0.860	1	**25015**	12
1½	1½	1.124	1	**25020**	12
2	2	1.435	1	**25025**	12

Viega MegaPress coupling
No stop
Smart Connect technology
- For use with Sch.5 to Sch.40 carbon steel pipe
- Carbon steel
- Press connection

Components
  EPDM sealing elements
Model 4815.5

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.264	10	**25030**	12
¾	¾	0.337	10	**25035**	12
1	1	0.509	5	**25040**	12
1¼	1¼	0.860	1	**25045**	12
1½	1½	1.124	1	**25050**	12
2	2	1.411	1	**25055**	12

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Viega MegaPress extended coupling
No stop
Smart Connect technology
- For use with Sch.5 to Sch.40 carbon steel
  pipe
- Carbon steel
- Press connection
Components
  EPDM sealing elements
Model 4815.3

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.348	10	25070	12
¾	¾	0.443	10	25075	12
1	1	0.672	5	25080	12
1¼	1¼	1.001	1	25085	12
1½	1½	1.278	1	25090	12
2	2	1.693	1	25095	12

Reducers

Viega MegaPress reducer
Smart Connect technology
- For use with Sch.5 to Sch.40 carbon steel
  pipe
- Carbon steel
- Street, press connection
Components
  EPDM sealing element
Model 4815.1

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
¾	½	0.276	5	26000	12
1	½	0.364	5	26005	12
1	¾	0.397	5	26010	12
1¼	1	0.661	1	26015	12
1½	¾	0.710	1	26020	12
1½	1	0.793	1	26025	12
1½	1¼	0.926	1	26030	12
2	1	1.047	1	26035	12
2	1¼	1.168	1	26040	12
2	1½	1.289	1	26045	12

Viega MegaPress reducer
Smart Connect technology
- For use with Sch.5 to Sch.40 carbon steel
  pipe
- Carbon steel
- Press connection
Components
  EPDM sealing elements
Model 4815.2

P1	P2	Wt [lb]	Quantity	Part No	DG
¾	½	0.362	5	25930	12
1	½	0.486	5	25935	12
1	¾	0.518	5	25940	12
1¼	¾	0.734	1	25945	12
1¼	1	0.804	1	25950	12
1½	1¼	1.080	1	25955	12
2	1¼	1.366	1	25960	12
2	1½	1.489	1	25965	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
  EPDM sealing element
Model 4812.3

for d	FPT	Wt [lb]	Quantity	Part No	DG
1½	¾	0.454	1	26860	12
2	¾	0.452	1	26865	12
2½	¾	0.458	1	26870	12
3	¾	0.452	1	26875	12
4	¾	0.445	1	26880	12
6	¾	0.441	1	26885	12

Viega MegaPress Press-In
Branch Connector
- For use with Sch. 40 carbon steel pipe only
- Carbon steel
- Press connection, female pipe thread
Components
  EPDM sealing element
Model 4812.35

for d	FPT	Wt [lb]	Quantity	Part No	DG
1½	¾	0.432	1	26890	12
2	¾	0.439	1	26895	12
2½	¾	0.436	1	26900	12
3	¾	0.408	1	26905	12
4	¾	0.408	1	26910	12
6	¾	0.386	1	26915	12

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Valves

Viega MegaPress 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
  EPDM sealing elements, 304 locking handle
Model 4875.8

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	1.772	1	**28500**	12
¾	¾	2.416	1	**28501**	12
1	1	3.747	1	**28502**	12
1¼	1¼	7.066	1	**28503**	12
1½	1½	9.698	1	**28504**	12
2	2	8.763	1	**28505**	12

Accessories

Flange bolt set
- For adapter flange
- Galvanized carbon steel
Components
  Bolt, nut, washer
Model 2959.7

L [in]	W [in]	Bolts	Flange	Wt [lb]	Quantity	Part No	DG
2½	½	4	½, ¾, 1, 1¼, 1½	0.871	1	**19748**	8
2¾	⅝	4	2, 2½, 3	1.572	1	**19758**	8
2¾	⅝	8	4	3.141	1	**19763**	8

Viega MegaPress valve repair kit
- Not suitable for Viega ProPress 3-piece ball valves
- Use with Viega MegaPress 304 FKM 3-piece ball valve Model 4175.8, Viega MegaPress 3-piece ball valve Model 4875.8, Viega MegaPress 316 3-piece ball valve Model 5175.8, Viega MegaPress FKM 3-piece ball valve Model 5975.8
- PTFE
Components
  PTFE stem seals, PTFE ball seats
Model 4875.91

d	Wt [lb]	Quantity	Part No	DG
½		1	**86560**[1]	14
¾		1	**86565**[1]	14
1		1	**86570**[1]	14
1¼		1	**86575**[1]	14
1½, 2		1	**86580**[1]	14

[1] Available soon!

Viega 3-piece replacement handle
- Use with Viega MegaPress 304 FKM 3-piece ball valve Model 4175.8, Viega ProPress 304 3-piece ball valve Model 4370.8, Viega MegaPress 3-piece ball valve Model 4875.8, Viega MegaPress 316 3-piece ball valve Model 5175.8, Viega MegaPress FKM 3-piece ball valve Model 5975.8
- 316 stainless steel
Model 4875.80

Valve Size (CTS)	Valve Size (IPS)	Wt [lb]	Quantity	Part No	DG
¾	½	0.130	1	**86625**[1]	14
1	¾	0.256	1	**86600**[1]	14
1¼	1	0.454	1	**86605**[1]	14
1½, 2	1¼, 1½, 2	0.478	1	**86630**[1]	14

[1] Available soon!

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