

# 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 applications and many more.

### 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
- Corrosion-resistant zinc-nickel coating
- Nearly 150 engineered fitting configurations from ½" to 2"
- 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 insure the integrity of connections
- UL and FM listed for fire protection applications

### CODES AND STANDARDS

- ASME B31: Code for Pressure Piping
- IAPMO Uniform Mechanical Code (UMC)
- ICC International Mechanical Code (IMC)
- ICC International Residential Code (IRC)
- National Building Code of Canada (NBCC)
- National Plumbing Code of Canada (NPCC)

### LISTINGS AND CERTIFICATIONS

- ABS: American Bureau of Shipping Type Approval
- ASME B31.1: Power Piping
- ASME B31.3: Process Piping
- ASME B31.9: Building Service Piping
- BV: Bureau Veritas Type Approval
- Canadian Registration Number (CRN): 0A14541.5 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 PS-117: Press and Nail Connections
- ICC-ES LC1002: Press-Connection Fittings for Potable Water Tube and Radiant Heating Systems
- LR: Lloyd's Register Type Approval
- 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
- NKK: Nippon Kaija Kyokai Type Approval
- UL /ANSI 213: Standard for Rubber Gasketed Fittings for Fire-Protection Service
- ULC/ANSI ORD-C213: Canadian Standard for Rubber Gasketed Fittings for Fire-Protection Service

### 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
1/2	1/2	0.370	10	25200	12
3/4	3/4	0.503	10	25205	12
1	1	0.829	5	25210	12
1 1/4	1 1/4	1.281	1	25215	12
1 1/2	1 1/2	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
1/2	1/2	0.379	10	26050	12
3/4	3/4	0.531	10	26055	12
1	1	0.838	5	26060	12
1 1/4	1 1/4	1.300	1	26065	12
1 1/2	1 1/2	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
1/2	1/2	0.304	10	25230	12
3/4	3/4	0.410	10	25235	12
1	1	0.661	5	25240	12
1 1/4	1 1/4	1.051	1	25245	12
1 1/2	1 1/2	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
1/2	1/2	0.312	10	26100	12
3/4	3/4	0.428	10	26105	12
1	1	0.677	5	26110	12
1 1/4	1 1/4	1.058	1	26115	12
1 1/2	1 1/2	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
1/2	1/2	1/2	0.507	5	25300	12
3/4	3/4	1/2	0.639	5	25330	12
3/4	3/4	3/4	0.679	5	25305	12
1	1	1/2	0.904	5	25335	12
1	1	3/4	0.957	5	25340	12
1	1	1	1.036	5	25310	12
1 1/4	1 1/4	1/2	1.348	1	25510	12
1 1/4	1 1/4	3/4	1.393	1	25515	12
1 1/4	1 1/4	1	1.477	1	25350	12
1 1/4	1 1/4	1 1/4	1.620	1	25315	12
1 1/2	1 1/2	1/2	1.873	1	25360	12
1 1/2	1 1/2	3/4	1.799	1	25365	12
1 1/2	1 1/2	1	1.873	1	25370	12
1 1/2	1 1/2	1 1/4	2.036	1	25375	12
1 1/2	1 1/2	1 1/2	2.160	1	25320	12
2	2	1/2	2.539	1	25380	12
2	2	3/4	2.424	1	25385	12
2	2	1	2.513	1	25390	12
2	2	1 1/4	2.678	1	25395	12
2	2	1 1/2	2.777	1	25400	12
2	2	2	2.909	1	25325	12



**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	Wt [lb]	Quantity	Part No	DG
½	4	1.080	1	25760	12
¾	4	1.265	1	25765	12
1	4	2.070	1	25770	12
1¼	4	2.740	1	25775	12
1½	4	3.594	1	25780	12
2	4	5.400	1	25785	12

BP = bolt pattern

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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
1/2	0.203	10	<b>25730</b>	12
3/4	0.264	10	<b>25735</b>	12
1	0.397	5	<b>25740</b>	12
1 1/4	0.617	1	<b>25745</b>	12
1 1/2	0.804	1	<b>25750</b>	12
2	1.080	1	<b>25755</b>	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
1/2	1/2	0.760	5	<b>25700</b>	12
3/4	3/4	1.197	5	<b>25705</b>	12
1	1	1.406	5	<b>25710</b>	12
1 1/4	1 1/4	2.391	1	<b>25715</b>	12
1 1/2	1 1/2	2.689	1	<b>25720</b>	12
2	2	4.188	1	<b>25725</b>	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
1/2	1/2	0.621	5	<b>25650</b>	12
3/4	3/4	1.028	5	<b>25655</b>	12
1	1	1.192	5	<b>25660</b>	12
1 1/4	1 1/4	2.065	1	<b>25665</b>	12
1 1/2	1 1/2	2.012	1	<b>25670</b>	12
2	2	3.324	1	<b>25675</b>	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
1/2	1/2	0.264	10	<b>25000</b>	12
3/4	3/4	0.342	10	<b>22005</b>	12
1	1	0.505	5	<b>25010</b>	12
1 1/4	1 1/4	0.860	1	<b>25015</b>	12
1 1/2	1 1/2	1.124	1	<b>25020</b>	12
2	2	1.435	1	<b>25025</b>	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
1/2	1/2	0.264	10	<b>25030</b>	12
3/4	3/4	0.337	10	<b>25035</b>	12
1	1	0.509	5	<b>25040</b>	12
1 1/4	1 1/4	0.860	1	<b>25045</b>	12
1 1/2	1 1/2	1.124	1	<b>25050</b>	12
2	2	1.411	1	<b>25055</b>	12


**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	<b>25070</b>	12
¾	¾	0.443	10	<b>25075</b>	12
1	1	0.672	5	<b>25080</b>	12
1¼	1¼	1.001	1	<b>25085</b>	12
1½	1½	1.278	1	<b>25090</b>	12
2	2	1.693	1	<b>25095</b>	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	<b>26000</b>	12
1	½	0.364	5	<b>26005</b>	12
1	¾	0.397	5	<b>26010</b>	12
1¼	1	0.661	1	<b>26015</b>	12
1½	¾	0.710	1	<b>26020</b>	12
1½	1	0.793	1	<b>26025</b>	12
1½	1¼	0.926	1	<b>26030</b>	12
2	1	1.047	1	<b>26035</b>	12
2	1¼	1.168	1	<b>26040</b>	12
2	1½	1.289	1	<b>26045</b>	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	<b>25930</b>	12
1	½	0.486	5	<b>25935</b>	12
1	¾	0.518	5	<b>25940</b>	12
1¼	¾	0.734	1	<b>25945</b>	12
1¼	1	0.804	1	<b>25950</b>	12
1½	1¼	1.080	1	<b>25955</b>	12
2	1¼	1.366	1	<b>25960</b>	12
2	1½	1.489	1	<b>25965</b>	12

**Tools**

**Standard press tool kit**

- For Viega PureFlow Press connections ½"-2", Viega ProPress connections ½"-4", Viega MegaPress connections ½"-4"

**Components**

Ridgid 340 tool, jaws, battery, battery charger, branded soft-sided case

**Model 2880.7**

for d	Wt [lb]	Quantity	Part No	DG
½, ¾, 1	28.992	1	<b>56012</b> <sup>1)</sup>	16

<sup>1)</sup> MegaPress jaws included

**Press jaw set**

- For Viega MegaPress connections ½"- 2"

**Components**

Press jaws, press rings, V2 actuator, branded soft-sided case

**Model 2880.71**

for d	Wt [lb]	Quantity	Part No	DG
½-2	48.986	1	<b>56013</b>	16


**Standard press tool**

- For Viega PureFlow Press connections ½"-2", Viega ProPress connections ½"-4", Viega MegaPress connections ½"-4"

**Components**

Ridgid 340 tool, battery, battery charger, hard case

**Model 2980.71**

Wt [lb]	Quantity	Part No	DG
22.854	1	<b>56024</b>	16

**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	<b>19748</b> <sup>1</sup>	8
2¾	⅝	4	2, 2½, 3	1.572	1	<b>19758</b> <sup>2</sup>	8
2¾	⅝	8	4	3.141	1	<b>19763</b> <sup>3</sup>	8

<sup>1)</sup> Suitable for Viega MegaPress flange Part No 25760, 25765, 25770, 25775, 25780, 90440, 90445, 90450, 90455, 95440, 95445, 95450, 95455, Viega MegaPressG flange Part No 25761, 25766, 25771, 25776, 25781, Viega ProPress adapter flange Part No 81035, 81040, 81045, 81050, 81055, 86082, 86087, 86092, 86097, 86102, Viega ProPress adapter flange, 2 - pc Part No 79680, 79685, 79690

<sup>2)</sup> Suitable for Viega MegaPress flange Part No 25785, 90460, 95460, Viega MegaPressG flange Part No 25786, Viega ProPress adapter flange Part No 81060, 86107, Viega ProPress adapter flange, 2 - pc Part No 79695, Viega ProPress XL adapter flange Part No 81065, 81070, 86067, 86072, Viega ProPress XL-C adapter flange, 2 - pc Part No 20853, 20858

<sup>3)</sup> Suitable for Viega ProPress XL adapter flange Part No 81075, 86077, Viega ProPress XL-C adapter flange, 2 - pc Part No 20863