

MegaPressG



2.2

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.

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 in accordance with AHJ requirements
- 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
- Patented Smart Connect technology helps installers easily identify unpressed connections, providing increased confidence in the integrity of connections

CODES AND STANDARDS

- ASME B31: Code for Pressure Piping
- CAN/CSA-B149.1: Natural Gas and Propane Installation Code
- IAPMO National Standard Plumbing Code (NSPC)
- 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)
- National Building Code of Canada (NBCC)
- National Plumbing Code of Canada (NPCC)
- NFPA 54/Z223: National Fuel Gas Code
- NFPA 58: Liquefied Petroleum Gas Code

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
- 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
- ICC-ES: ANSI LC 4a/CSA 6.32a: Press-Connect Metallic Fittings for Use in Fuel Gas Distribution Systems
- LR: Lloyd's Register Type Approval
- NKK: Nippon Kaija Kyokai Type Approval

NOTE

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

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Elbows



ViEGA MegaPressG 90° elbow
Smart Connect technology

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

Components
HNBR sealing elements
Model 6616

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.370	10	25201	12
3/4	3/4	0.503	10	25206	12
1	1	0.811	5	25211	12
1 1/4	1 1/4	1.278	1	25216	12
1 1/2	1 1/2	1.708	1	25221	12
2	2	2.541	1	25226	12



ViEGA MegaPressG 90° street elbow
Smart Connect technology

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

Components
HNBR sealing element
Model 6616.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.379	10	26051	12
3/4	3/4	0.531	10	26056	12
1	1	0.838	5	26061	12
1 1/4	1 1/4	1.300	1	26066	12
1 1/2	1 1/2	1.790	1	26071	12
2	2	2.596	1	26076	12



ViEGA MegaPressG 45° elbow
Smart Connect technology

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

Components
HNBR sealing elements
Model 6626

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.309	10	25231	12
3/4	3/4	0.410	10	25236	12
1	1	0.655	5	25241	12
1 1/4	1 1/4	1.047	1	25246	12
1 1/2	1 1/2	1.389	1	25251	12
2	2	1.951	1	25256	12



ViEGA MegaPressG 45° street elbow
Smart Connect technology

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

Components
HNBR sealing element
Model 6626.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.312	10	26101	12
3/4	3/4	0.428	10	26106	12
1	1	0.677	5	26111	12
1 1/4	1 1/4	1.058	1	26116	12
1 1/2	1 1/2	1.435	1	26121	12
2	2	2.094	1	26126	12

Tees



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
Model 6618

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
1/2	1/2	1/2	0.507	5	25301	12
3/4	3/4	1/2	0.639	5	25331	12
3/4	3/4	3/4	0.679	5	25306	12
1	1	1/2	0.917	5	25336	12
1	1	3/4	0.957	5	25341	12
1	1	1	1.031	5	25311	12
1 1/4	1 1/4	1/2	1.355	1	25491	12
1 1/4	1 1/4	3/4	1.406	1	25496	12
1 1/4	1 1/4	1	1.477	1	25351	12
1 1/4	1 1/4	1 1/4	1.644	1	25316	12
1 1/2	1 1/2	1/2	1.752	1	25361	12
1 1/2	1 1/2	3/4	1.790	1	25366	12
1 1/2	1 1/2	1	1.878	1	25371	12
1 1/2	1 1/2	1 1/4	2.028	1	25376	12
1 1/2	1 1/2	1 1/2	2.138	1	25321	12
2	2	1/2	2.526	1	25381	12
2	2	3/4	2.444	1	25386	12
2	2	1	2.513	1	25391	12
2	2	1 1/4	2.645	1	25396	12
2	2	1 1/2	2.755	1	25401	12
2	2	2	2.898	1	25326	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

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



Viega MegaPressG adapter
Smart Connect technology
 - For use with Sch.5 to Sch.40 carbon steel pipe
 - Carbon steel
 - Press connection, female pipe thread
Components
 HNBR sealing element
Model 6612

P	FPT	Wt [lb]	Quantity	Part No	DG
½	½	0.246	10	25131	12
¾	½	0.291	10	25576	12
¾	¾	0.315	10	25136	12
1	½	0.441	10	25581	12
1	¾	0.441	5	25586	12
1	1	0.538	5	25141	12
1¼	½	0.660	1	25591	12
1¼	¾	0.670	1	25596	12
1¼	1	0.749	1	25601	12
1¼	1¼	0.662	5	25146	12
1½	½	0.827	1	25606	12
1½	¾	0.860	1	25611	12
1½	1	0.959	1	25616	12
1½	1¼	0.849	1	25621	12
1½	1½	0.948	1	25151	12
2	½	1.098	1	25626	12
2	¾	1.124	1	25631	12
2	1	1.225	1	25636	12
2	1¼	1.157	1	25641	12
2	1½	1.190	1	25646	12
2	2	1.333	1	25156	12

Flanges



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
Model 6659.5

P	BP	Wt [lb]	Quantity	Part No	DG
½	4	1.393	1	25761	12
¾	4	1.845	1	25766	12
1	4	2.455	1	25771	12
1¼	4	2.711	1	25776	12
1½	4	4.011	1	25781	12
2	4	5.400	1	25786	12

BP = bolt pattern

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
1/2	0.203	10	25731	12
3/4	0.264	10	25736	12
1	0.397	5	25741	12
1 1/4	0.617	1	25746	12
1 1/2	0.804	1	25751	12
2	1.080	1	25756	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
1/2	1/2	0.758	5	25701	12
3/4	3/4	1.212	5	25706	12
1	1	1.441	5	25711	12
1 1/4	1 1/4	2.424	1	25716	12
1 1/2	1 1/2	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
1/2	1/2	0.675	5	25651	12
3/4	3/4	1.107	5	25656	12
1	1	1.358	5	25661	12
1 1/4	1 1/4	2.343	1	25666	12
1 1/2	1 1/2	2.226	1	25671	12
2	2	3.295	1	25676	12

Couplings



ViEGA MegaPressG coupling
With stop
Smart Connect technology
 - For use with Sch.5 to Sch.40 carbon steel pipe
 - Carbon steel
 - Press connection
Components
 HNBR sealing elements
Model 6615

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.260	10	25001	12
3/4	3/4	0.353	10	22009	12
1	1	0.514	5	25011	12
1 1/4	1 1/4	0.860	1	25016	12
1 1/2	1 1/2	1.124	1	25021	12
2	2	1.433	1	25026	12



ViEGA MegaPressG coupling
No stop
Smart Connect technology
 - For use with Sch.5 to Sch.40 carbon steel pipe
 - Carbon steel
 - Press connection
Components
 HNBR sealing elements
Model 6615.5

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.264	10	25031	12
3/4	3/4	0.339	10	25036	12
1	1	0.511	5	25041	12
1 1/4	1 1/4	0.860	1	25046	12
1 1/2	1 1/2	1.124	1	25051	12
2	2	1.411	1	25056	12



Viega MegaPressG extended coupling
No stop
Smart Connect technology
 - For use with Sch.5 to Sch.40 carbon steel pipe
 - Carbon steel
 - Press connection
Components
 HNBR sealing elements
Model 6615.3

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.348	10	25071	12
¾	¾	0.447	10	25076	12
1	1	0.674	5	25081	12
1¼	1¼	1.031	1	25086	12
1½	1½	1.350	1	25091	12
2	2	1.693	1	25096	12

Reducers



Viega MegaPressG reducer
Smart Connect technology
 - For use with Sch.5 to Sch.40 carbon steel pipe
 - Carbon steel
 - Street, press connection
Components
 HNBR sealing element
Model 6615.1

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
¾	½	0.276	5	26001	12
1	½	0.364	5	26006	12
1	¾	0.397	5	26011	12
1¼	1	0.688	1	26016	12
1½	¾	0.710	1	26021	12
1½	1	0.793	1	26031	12
1½	1¼	0.926	1	26026	12
2	1	1.047	1	26036	12
2	1¼	1.168	1	26041	12
2	1½	1.289	1	26046	12



Viega MegaPressG reducer
Smart Connect technology
 - For use with Sch.5 to Sch.40 carbon steel pipe
 - Carbon steel
 - Press connection
Components
 HNBR sealing elements
Model 6615.2

P1	P2	Wt [lb]	Quantity	Part No	DG
¾	½	0.360	5	25931	12
1	½	0.485	5	25936	12
1	¾	0.511	5	25941	12
1¼	¾	0.743	1	25946	12
1¼	1	0.804	1	25951	12
1½	1¼	1.080	1	25956	12
2	1¼	1.459	1	25961	12
2	1½	1.492	1	25966	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	56012 ¹⁾	16

¹⁾ 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	56013	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	56024	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	19748 ¹	8
2¾	⅝	4	2, 2½, 3	1.572	1	19758 ²	8
2¾	⅝	8	4	3.141	1	19763 ³	8

¹⁾ 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

²⁾ 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

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