

MegaPress 316 FKM



viega

MegaPress 316 FKM

Viega MegaPress 316 FKM fittings are the industry's first stainless fittings for Schedule 5 to 40 piping systems. Save on labor cost and system downtime with press fittings in a wide variety of configurations, available in sizes ½" to 4". Viega MegaPress 316 with an FKM sealing element is suitable for use with hydronic applications, compressed air, industrial gases, marine applications and more.

- ULC/ANSI ORD-C213: Canadian Standard for Rubber Gasketed Fittings for Fire-Protection Service
- United States Coast Guard Acceptance Letter 2019-3660

NOTE

A white dot on a Viega MegaPress 316 fitting indicates Smart Connect technology with an FKM sealing element.

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 PBT separator ring for sizes 2½" to 4"
- Wide range of fitting configurations
- Eliminates threading and welding
- No fire watches, hot work permits or gas freeing
- Makes secure press connections from ½" to 4" in seconds
- Compatible with existing press tools
- Backed by limited written warranty
- Can be used on higher schedule pipe, but limited to maximum pressure listed

CODES AND STANDARDS

- ASME B31: Code for Pressure Piping
- ASME B31.1: Power Piping
- ASME B31.3: Process Piping
- ASME B31.9: Building Services Piping
- ASTM A312: Standard Specification for Seamless, Welded and Heavily Cold Worked Austenitic Stainless Steel Pipes
- ASTM F3226: Standard Specification for Metallic Press-Connect Fittings for Piping and Tubing Systems
- IACS UR P2: Rules for piping design, construction and testing
- IAPMO: California Mechanical Code (CMC)
- IAPMO: California Plumbing Code (CPC)
- IAPMO: Uniform Mechanical Code (UMC)
- IAPMO: Uniform Plumbing Code (UPC)
- ICC: International Mechanical Code (IMC)
- ICC: International Plumbing Code (IPC)
- ICC: International Residential Code (IRC)
- National Building Code of Canada (NBCC)
- 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
- BV: Bureau Veritas Type Approval
- Canadian Registration Number (CRN): 114541.5 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
- RINA: Registro Italiano Navale
- UL /ANSI 213: Standard for Rubber Gasketed Fittings for Fire-Protection Service

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Elbows



New

**ViEGA MegaPress 90° elbow
Smart Connect technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements

Model 6816

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.326	10	91695	18
3/4	3/4	0.430	10	91700	18
1	1	0.809	5	91705	18
1 1/4	1 1/4	1.263	1	91710	18
1 1/2	1 1/2	1.488	1	91715	18
2	2	2.116	1	91720	18



New

**ViEGA MegaPress 90° elbow
Smart Connect technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements

Note

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

Model 6816XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3.438	1	98405	18
3	3	4.833	1	98410	18
4	4	8.036	1	98415	18



New

**ViEGA MegaPress 90° street elbow
Smart Connect technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection, street

Components

FKM sealing element

Model 6816.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.313	10	91725	18
3/4	3/4	0.417	10	91730	18
1	1	0.807	5	91735	18
1 1/4	1 1/4	1.241	1	91740	18
1 1/2	1 1/2	1.466	1	91745	18
2	2	2.116	1	91750	18



New

**ViEGA MegaPress 90° street elbow
Smart Connect technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection, street

Components

FKM sealing element

Note

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

Model 6816.1XL

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3.407	1	98390	18
3	3	4.479	1	98395	18
4	4	7.593	1	98400	18



New

**ViEGA MegaPress 45° elbow
Smart Connect technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements

Model 6826

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.271	10	91755	18
3/4	3/4	0.357	10	91760	18
1	1	0.646	5	91765	18
1 1/4	1 1/4	1.047	1	91770	18
1 1/2	1 1/2	1.236	1	91775	18
2	2	2.116	1	91780	18



New

Viega MegaPress 45° elbow
Smart Connect technology
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection
Components
 FKM sealing elements
Note
 Must be installed with MegaPress XL rings and PressBooster/Z3 actuator
Model 6826XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	2.535	1	98510	18
3	3	3.537	1	98515	18
4	4	6.028	1	98520	18



New

Viega MegaPress 45° street elbow
Smart Connect technology
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection, street
Components
 FKM sealing element
Model 6826.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
½	½	0.267	10	91785	18
¾	¾	0.353	10	91790	18
1	1	0.648	5	91795	18
1¼	1¼	1.009	1	91800	18
1½	1½	1.188	1	91805	18
2	2		1	91810	18



New

Viega MegaPress 45° street elbow
Smart Connect technology
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection, street
Components
 FKM sealing element
Note
 Must be installed with MegaPress XL rings and PressBooster/Z3 actuator
Model 6826.1XL

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
2½	2½	2.468	1	98495	18
3	3	3.262	1	98500	18
4	4	5.525	1	98505	18

Tees



New

Viega MegaPress tee
Smart Connect technology
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection
Components
 FKM sealing elements
Model 6818

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
½	½	½	0.436	5	91600	18
¾	¾	½	0.544	5	91625	18
¾	¾	¾	0.580	5	91605	18
1	1	½	0.871	5	91630	18
1	1	¾	0.906	5	91635	18
1	1	1	1.014	5	91610	18
1¼	1¼	½	1.311	1	91645	18
1¼	1¼	¾	1.351	1	91650	18
1¼	1¼	1	1.448	1	91655	18
1¼	1¼	1¼	1.602	1	91640	18
1½	1½	½	1.536	1	91660	18
1½	1½	¾	0.893	1	91665	18
1½	1½	1	1.651	1	91670	18
1½	1½	1¼	1.849	1	91910	18
1½	1½	1½	1.882	1	91615	18
2	2	½	2.045	1	91675	18
2	2	¾	2.078	1	91680	18
2	2	1	2.195	1	91685	18
2	2	1¼	2.343	1	91915	18
2	2	1½	2.398	1	91690	18
2	2	2	2.526	1	91620	18



New

Viega MegaPress tee
Smart Connect technology

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements

Note

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

Model 6818XL

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
2½	2½	1½	2.874	1	98450	18
2½	2½	2	3.246	1	98455	18
2½	2½	2½	3.449	1	98435	18
3	3	1½	3.769	1	98465	18
3	3	2	4.088	1	98460	18
3	3	2½	4.450	1	98470	18
3	3	3	4.977	1	98440	18
4	4	1½	5.719	1	98475	18
4	4	2	6.105	1	98480	18
4	4	2½	6.482	1	98485	18
4	4	3	7.037	1	98490	18
4	4	4	8.355	1	98445	18



New

Viega MegaPress tee
Smart Connect technology

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

Components

FKM sealing elements

Model 6817.2

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
¾	¾	½	0.536	5	91845	18
¾	¾	¾	0.553	5	91850	18
1	1	½	0.860	5	91855	18
1	1	¾	0.882	5	91860	18
1¼	1¼	½	1.296	1	91865	18
1¼	1¼	¾	1.322	1	91870	18
1¼	1¼	1	1.497	1	91875	18
1½	1½	½	1.528	1	91880	18
1½	1½	¾	1.549	1	91885	18
1½	1½	1	1.706	1	91890	18
2	2	½	2.039	1	91895	18
2	2	¾	2.072	1	91900	18
2	2	1	2.241	1	91905	18



New

Viega MegaPress tee
Smart Connect technology

- 316 stainless steel
- Press connection, female pipe thread

Components

FKM sealing elements

Note

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

Model 6817.2XL

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
2½	2½	¾	2.314	1	98420	18
3	3	¾	3.116	1	98425	18
4	4	¾	5.133	1	98430	18

Adapters



New

Viega MegaPress adapter
Smart Connect technology

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

Components

FKM sealing element

Model 6811

P	MPT	Wt [lb]	Quantity	Part No	DG
½	½	0.214	10	91205	18
¾	½	0.273	10	91210	18
¾	¾	0.287	10	91215	18
1	1	0.485	5	91220	18
1¼	1¼	0.802	1	91225	18
1½	1½	0.994	1	91230	18
2	2	1.311	1	91235	18



New

Viega MegaPress adapter
Smart Connect technology

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

Components

FKM sealing element

Note

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

Model 6811XL

P	MPT	Wt [lb]	Quantity	Part No	DG
2½	2½	1.666	1	98300	18
3	3	2.385	1	98305	18
4	4	4.243	1	98310	18



New

Viega MegaPress adapter
Smart Connect technology
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection, female pipe thread
Components
 FKM sealing element
Model 6812

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.234	10	91240	18
3/4	3/4	0.293	10	91245	18
1	1	0.540	5	91250	18
1 1/4	1 1/4	0.688	1	91255	18
1 1/2	1 1/2	0.890	1	91260	18
2	2	1.258	1	91265	18



New

Viega MegaPress adapter
Smart Connect technology
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection, female pipe thread
Components
 FKM sealing element
Note
 Must be installed with MegaPress XL rings and PressBooster/Z3 actuator
Model 6812XL

P	FPT	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.840	1	98315	18
3	3	2.398	1	98320	18
4	4	3.548	1	98325	18

Flanges



New

Viega MegaPress flange
Smart Connect technology
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection
Components
 FKM sealing element
Model 6859

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
1/2	4	2 3/8	1.340	1	91175	18
3/4	4	2 3/4	1.790	1	91180	18
1	4	3 1/8	2.409	1	91185	18
1 1/4	4	3 3/8	2.962	1	91190	18
1 1/2	4	3 1/2	3.696	1	91195	18
2	4	4 3/4	5.444	1	91200	18

BP = bolt pattern
 BPd = bolt pattern diameter



New

Viega MegaPress flange
Smart Connect technology
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection
Components
 FKM sealing element
Note
 Must be installed with MegaPress XL rings and PressBooster/Z3 actuator
Model 6859XL

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
2 1/2	4	5 1/2	8.003	1	98525	18
3	4	6	10.383	1	98530	18
4	8	7 1/2	14.044	1	98535	18

BP = bolt pattern
 BPd = bolt pattern diameter

Caps



New

Viega MegaPress cap
Smart Connect technology
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection
Components
 FKM sealing element
Model 6856

P	Wt [lb]	Quantity	Part No	DG
1/2	0.175	10	91815	18
3/4	0.227	10	91820	18
1	0.386	5	91825	18
1 1/4	0.606	1	91830	18
1 1/2	0.719	1	91835	18
2	0.921	1	91840	18



New

Viega MegaPress cap

Smart Connect technology

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing element

Note

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

Model 6856.1XL

P	Wt [lb]	Quantity	Part No	DG
2½	1.206	1	98540	18
3	1.790	1	98545	18
4	2.852	1	98550	18

Unions



New

Viega MegaPress union

Smart Connect technology

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM flat gasket, FKM sealing elements

Model 6860

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.636	5	91925	18
¾	¾	1.045	5	91930	18
1	1	1.358	1	91935	18
1¼	1¼	2.402	1	91940	18
1½	1½	2.518	1	91945	18
2	2	4.357	1	91950	18

Couplings



New

Viega MegaPress coupling

With stop

Smart Connect technology

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements

Model 6815

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.234	10	91100	18
¾	¾	0.302	10	91105	18
1	1	0.507	5	91110	18
1¼	1¼	0.844	1	91115	18
1½	1½	1.014	1	91120	18
2	2	1.276	1	91125	18



New

Viega MegaPress coupling

With stop

Smart Connect technology

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements

Note

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

Model 6815XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	1.757	1	98375	18
3	3	2.502	1	98380	18
4	4	4.238	1	98385	18



New

Viega MegaPress coupling

No stop

Smart Connect technology

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements

Model 6815.5

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.225	10	91290	18
¾	¾	0.298	10	91295	18
1	1	0.505	5	91300	18
1¼	1¼	0.852	1	91305	18
1½	1½	1.003	1	91310	18
2	2	1.256	1	91315	18



New

Viega MegaPress coupling
No stop

Smart Connect technology

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements

Note

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

Model 6815.5XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	1.741	1	98360	18
3	3	2.457	1	98365	18
4	4	3.705	1	98370	18

Reducers



New

Viega MegaPress reducer
Smart Connect technology

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Street, press connection

Components

FKM sealing element

Model 6815.1

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
¾	½	0.245	5	91130	18
1	½	0.346	5	91135	18
1	¾	0.371	5	91140	18
1¼	¾	0.601	1	91320	18
1¼	1	0.685	1	91145	18
1½	¾	0.657	1	91155	18
1½	1	0.730	1	91160	18
1½	1¼	0.928	1	91150	18
2	1	0.939	1	91165	18
2	1¼	1.031	1	91325	18
2	1½	1.119	1	91170	18



New

Viega MegaPress reducer
Smart Connect technology

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- Street, press connection

Components

FKM sealing element

Note

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

Model 6815.1XL

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
2½	2	1.433	1	98330	18
3	2	1.891	1	98335	18
3	2½	2.048	1	98340	18
4	2	2.964	1	98345	18
4	2½	3.086	1	98350	18
4	3	3.381	1	98355	18



New

Viega MegaPress reducer
Smart Connect technology

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements

Model 6815.2

P1	P2	Wt [lb]	Quantity	Part No	DG
¾	½	0.322	5	91270	18
1	¾	0.485	5	91275	18
1¼	1	0.791	1	91280	18
1½	1¼	1.038	1	91920	18
2	1½	1.300	1	91285	18

Tools



RP 340 standard press tool kit, MegaPress

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

Components

Ridgid 340 tool, MegaPress jaw sizes ½" to 1", 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	16



V2 Actuator press jaw set

- For Ridgid standard tools, Viega MegaPress connections 1/2" to 2"

Components

V2 actuator, MegaPress jaw sizes 1/2" to 1", MegaPress rings sizes 1 1/4" to 2", branded soft-sided case

Model 2880.71

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



RP 340 standard press tool

- For Viega PureFlow Press connections 1/2" to 2", Viega ProPress connections 1/2" to 4", Viega MegaPress connections 1/2" to 4"

Components

Ridgid 340 tool, battery, battery charger, hard case

Model 2980.71

for d	Wt [lb]	Quantity	Part No	DG
Jaws not included	22.854	1	56024	16



Viega MegaPress XL PressBooster

- For Viega MegaPress connections 2 1/2", 3", 4"

Components

XL PressBooster, 2 1/2" press ring, shoulder strap, hard case

Note

Capable of pressing 3" and 4" connections with the purchase of additional press rings

Model 4896.2XL

for d	Wt [lb]	Quantity	Part No	DG
2 1/2-4	37.027	1	26200	16



Viega MegaPress press ring set, 3" and 4"

- For use with MegaPress XL PressBooster and Viega MegaPress Z3 Actuator

Components

3" and 4" MegaPress rings, hard case

Model 4896.5XL

for d	Wt [lb]	Quantity	Part No	DG
3-4	21.599	1	26201	16