

MegaPress 304 FKM



2.4



MegaPress 304 FKM

Viega MegaPress 304 FKM fittings are the industry's first stainless fittings for Schedule 5 to 40 piping systems. Save labor cost and system downtime with press fittings in a wide variety of configurations, available in sizes from ½" to 4". MegaPress 304 with an FKM sealing element is suitable for chemical and higher temperature applications.

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"
- FKM sealing element
- Wide range of fitting configurations
- Eliminates threading and welding
- No fire watches, hot work permits or messy cutting oils
- Makes secure press connections from ½" to 4" in seconds
- Compatible with existing press tools
- Backed by limited written warranty
- Can be used on Schedule 80 pipe, but with the rating of a Schedule 40 system

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
- 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)
- 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): 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 (½" to 2" only)
- IAPMO file 10555 (MegaPress 304 FKM)
- ICC-ES PMG-1451 (MegaPress 304)
- LR: Lloyd's Register Type Approval
- RINA: Registro Italiano Navale
- ANSI/CAN/UL 213: Standard for Rubber Gasketed Fittings for Fire-Protection Service (½" to 3" only)
- United States Coast Guard Acceptance Letter 2019-3660

NOTE

A white dot on a Viega MegaPress 304 fitting indicates Smart Connect technology with an FKM sealing element.

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Elbows



Viega MegaPress 90° elbow

Smart Connect technology
 - 304 stainless steel
 - Press connection

Components
 FKM sealing elements
Model 4116

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.324	10	95005	14
3/4	3/4	0.423	10	95010	14
1	1	0.789	5	95015	14
1 1/4	1 1/4	1.258	1	95785	14
1 1/2	1 1/2	1.510	1	95020	14
2	2	2.032	1	95025	14



Viega MegaPress 90° elbow

Smart Connect technology
 - 304 stainless steel
 - Press connection

Components
 FKM sealing element

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

Model 4116XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3.317	1	95500	14
3	3	4.763	1	95505	14
4	4	7.904	1	95510	14



Viega MegaPress 90° street elbow

Smart Connect technology
 - 304 stainless steel
 - Press connection, street

Components
 FKM sealing element
Model 4116.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.320	10	95030	14
3/4	3/4	0.417	10	95035	14
1	1	0.782	5	95040	14
1 1/4	1 1/4	1.219	1	95845	14
1 1/2	1 1/2	1.483	1	95045	14
2	2	2.063	1	95050	14



Viega MegaPress 90° street elbow

Smart Connect technology
 - 304 stainless steel
 - Press connection, street

Components
 FKM sealing element

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

Model 4116.1XL

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3.304	1	95515	14
3	3	5.052	1	95520	14
4	4	7.489	1	95525	14



Viega MegaPress 45° elbow

Smart Connect technology
 - 304 stainless steel
 - Press connection

Components
 FKM sealing elements
Model 4126

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.264	10	95055	14
3/4	3/4	0.346	10	95060	14
1	1	0.641	5	95065	14
1 1/4	1 1/4	1.038	1	95790	14
1 1/2	1 1/2	1.228	1	95070	14
2	2	1.620	1	95075	14



Viega MegaPress 45° elbow

Smart Connect technology
 - 304 stainless steel
 - Press connection

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

Model 4126XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	2.480	1	95530	14
3	3	3.579	1	95535	14
4	4	5.938	1	95540	14



Viega MegaPress 45° street elbow
Smart Connect technology
 - 304 stainless steel
 - Press connection, street
Components
 FKM sealing element
Model 4126.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
½	½	0.276	10	95080	14
¾	¾	0.355	10	95085	14
1	1	0.648	5	95090	14
1¼	1¼	1.003	1	95850	14
1½	1½	1.188	1	95095	14
2	2	1.679	1	95100	14



Viega MegaPress 45° street elbow
Smart Connect technology
 - 304 stainless steel
 - Press connection, street
Components
 FKM sealing element
Note
 Must be installed with MegaPress XL rings
 and PressBooster/Z3 actuator
Model 4126.1XL

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
2½	2½	2.409	1	95545	14
3	3	3.306	1	95550	14
4	4	5.492	76	95555	14

Tees



Viega MegaPress tee
Smart Connect technology
 - 304 stainless steel
 - Press connection
Components
 FKM sealing elements
Model 4118

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
½	½	½	0.443	5	95105	14
¾	¾	½	0.536	5	95130	14
¾	¾	¾	0.582	5	95110	14
1	1	½	0.882	5	95135	14
1	1	¾	0.899	5	95140	14
1	1	1	1.005	5	95115	14
1¼	1¼	½	1.300	1	95855	14
1¼	1¼	¾	1.338	1	95860	14
1¼	1¼	1	1.430	1	95865	14
1¼	1¼	1¼	1.578	1	95795	14
1½	1½	½	1.532	1	95145	14
1½	1½	¾	1.525	1	95150	14
1½	1½	1	1.631	1	95155	14
1½	1½	1½	1.832	1	95120	14
2	2	½	2.082	1	95160	14
2	2	¾	2.094	1	95165	14
2	2	1	2.195	1	95170	14
2	2	1½	2.373	1	95175	14
2	2	2	2.493	1	95125	14



Viega MegaPress tee
Smart Connect technology
 - 304 stainless steel
 - Press connection
Components
 FKM sealing element
Note
 Must be installed with MegaPress XL rings
 and PressBooster/Z3 actuator
Model 4118XL

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
2½	2½	1½	3.033	1	95575	14
2½	2½	2	3.174	1	95580	14
2½	2½	2½	3.346	1	95560	14
3	3	1½	3.696	1	95590	14
3	3	2	4.547	1	95585	14
3	3	2½	4.351	1	95595	14
3	3	3	4.862	1	95565	14
4	4	1½	5.627	1	95600	14
4	4	2	5.990	1	95605	14
4	4	2½	6.358	1	95610	14
4	4	3	6.949	1	95615	14
4	4	4	8.232	1	95570	14



Viega MegaPress tee
Smart Connect technology
 - 304 stainless steel
 - Press connection, female pipe thread
Components
 FKM sealing elements
Model 4117.2

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
¾	¾	½	0.525	5	95180	14
¾	¾	¾	0.551	5	95185	14
1	1	½	0.862	5	95190	14
1	1	¾	0.886	5	95195	14
1½	1½	½	1.483	1	95200	14
1½	1½	¾	1.563	1	95205	14
1½	1½	1	1.675	1	95210	14
2	2	½	2.059	1	95215	14
2	2	¾	2.081	1	95220	14
2	2	1	2.244	1	95225	14



Viega MegaPress tee
Smart Connect technology
 - 304 stainless steel
 - Press connection, female pipe thread

Components
 FKM sealing element

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

Model 4117.2XL

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
2½	2½	¾	2.484	1	95620	14
3	3	¾	3.090	1	95625	14
4	4	¾	5.036	1	95630	14

Adapters



Viega MegaPress adapter
Smart Connect technology
 - 304 stainless steel
 - Press connection, male pipe thread

Components
 FKM sealing element

Model 4111

P	MPT	Wt [lb]	Quantity	Part No	DG
½	½	0.209	10	95230	14
¾	½	0.269	10	95235	14
¾	¾	0.284	10	95240	14
1	1	0.483	5	95245	14
1¼	1¼	0.798	1	95830	14
1½	1½	0.985	1	95250	14
2	2	1.283	1	95255	14



Viega MegaPress adapter
Smart Connect technology
 - 304 stainless steel
 - Press connection, male pipe thread

Components
 FKM sealing element

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

Model 4111XL

P	MPT	Wt [lb]	Quantity	Part No	DG
2½	2½	1.675	1	95635	14
3	3	2.349	1	95640	14
4	4	4.157	1	95735	14



Viega MegaPress adapter
Smart Connect technology
 - 304 stainless steel
 - Press connection, female pipe thread

Components
 FKM sealing element

Model 4112

P	FPT	Wt [lb]	Quantity	Part No	DG
½	½	0.232	10	95260	14
¾	¾	0.289	10	95265	14
1	1	0.538	5	95270	14
1¼	1¼	0.683	1	95835	14
1½	1½	0.884	1	95275	14
2	2	1.228	1	95280	14



Viega MegaPress adapter
Smart Connect technology
 - 304 stainless steel
 - Press connections, female pipe thread

Components
 FKM sealing element

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

Model 4112XL

P	FPT	Wt [lb]	Quantity	Part No	DG
2½	2½	1.814	1	95770	14
3	3	2.607	1	95775	14
4	4	3.469	1	95780	14



Viega ProPress adapter
 - For transitioning between IPS and CTS systems
 - 304 stainless steel
 - Butt weld - iron pipe size, street

Model 0113.3

FTG (IPS)	FTG (CTS)	Wt [lb]	Quantity	Part No	DG
½	½	0.115	10	86003	9
¾	¾	0.177	5	86008	9
1	1	0.269	5	86013	9
1½	1½	0.611	1	86023	9
2	2	0.774	1	86028	9

FTG (CTS) = TEST



Viega ProPress adapter
 - For transitioning between IPS and CTS systems
 - 304 stainless steel
 - Butt weld - iron pipe size, street
Model 0113.1XL

FTG (IPS)	FTG (CTS)	Wt [lb]	Quantity	Part No	DG
2½	2½	1.031	1	85135	9
3	3	1.300	1	85145	9
4	4	1.887	1	85155	9

FTG (CTS) = TEST

Flanges



Viega MegaPress flange
Smart Connect technology
 - 304 stainless steel
 - Press connection
Components
 FKM sealing element
Model 4159

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
½	4	2¾	1.051	1	95440	14
¾	4	2¾	1.488	1	95445	14
1	4	3⅞	2.133	1	95450	14
1¼	4	3½	2.658	1	95870	14
1½	4	3⅞	3.650	1	95455	14
2	4	4¾	5.030	1	95460	14

BP = bolt pattern
 BPd = bolt pattern diameter



Viega MegaPress flange
Smart Connect technology
 - 304 stainless steel
 - Press connection
Components
 FKM sealing element
Note
 Must be installed with MegaPress XL rings and PressBooster/Z3 actuator
Model 4159XL

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
2½	4	5½	8.276	1	95720	14
3	4	6	9.881	1	95725	14
4	8	7½	13.630	1	95730	14

BP = bolt pattern
 BPd = bolt pattern diameter

Caps



Viega MegaPress cap
Smart Connect technology
 - 304 stainless steel
 - Press connection
Components
 FKM sealing element
Model 4156

P	Wt [lb]	Quantity	Part No	DG
½	0.172	10	95390	14
¾	0.223	10	95395	14
1	0.387	5	95400	14
1¼	0.599	1	95825	14
1½	0.701	1	95405	14
2	0.939	1	95410	14



Viega MegaPress cap
Smart Connect technology
 - 304 stainless steel
 - Press connection
Components
 FKM sealing element
Note
 Must be installed with MegaPress XL rings and PressBooster/Z3 actuator
Model 4156.1XL

P	Wt [lb]	Quantity	Part No	DG
2½	1.247	1	95705	14
3	1.975	1	95710	14
4	2.817	1	95715	14

Unions



Viega MegaPress union
Smart Connect technology
 - 304 stainless steel
 - Press connection
Components
 AFM flat gasket, FKM sealing elements
Model 4160

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.608	5	95415	14
¾	¾	1.020	5	95420	14
1	1	1.333	1	95425	14
1¼	1¼	2.409	1	95875	14
1½	1½	2.494	1	95430	14
2	2	4.047	1	95435	14

Couplings



Viega MegaPress coupling
With stop
Smart Connect technology
 - 304 stainless steel
 - Press connection
Components
 FKM sealing elements
Model 4115

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.227	10	95285	14
3/4	3/4	0.289	10	95290	14
1	1	0.505	5	95295	14
1 1/4	1 1/4	0.849	1	95800	14
1 1/2	1 1/2	1.069	1	95300	14
2	2	1.252	1	95305	14



Viega MegaPress coupling
With stop
Smart Connect technology
 - 304 stainless steel
 - Press connection
Components
 FKM sealing element
Note
 Must be installed with MegaPress XL rings
 and PressBooster/Z3 actuator
Model 4115XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.686	1	95645	14
3	3	2.438	1	95650	14
4	4	4.174	1	95655	14



Viega MegaPress coupling
No stop
Smart Connect technology
 - 304 stainless steel
 - Press connection
Components
 FKM sealing elements
Model 4115.5

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.229	10	95310	14
3/4	3/4	0.287	10	95315	14
1	1	0.500	5	95320	14
1 1/4	1 1/4	0.849	1	95805	14
1 1/2	1 1/2	0.985	1	95325	14
2	2	1.225	1	95330	14



Viega MegaPress coupling
No stop
Smart Connect technology
 - 304 stainless steel
 - Press connection
Components
 FKM sealing element
Note
 Must be installed with MegaPress XL rings
 and PressBooster/Z3 actuator
Model 4115.5XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.677	1	95660	14
3	3	2.446	1	95665	14
4	4	4.141	1	95670	14



New

Viega MegaPress transition coupling
Smart Connect technology
 - For transitioning between IPS and CTS
 systems
 - 304 stainless steel
 - Press connection
Components
 FKM sealing elements
Model 4113

P (IPS)	P (CTS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.218	1	95465	14
3/4	3/4	0.284	1	95470	14
1	1	0.430	1	95475	14
1 1/4	1 1/4	0.619	1	95840	14
1 1/2	1 1/2	0.804	1	95485	14
2	2	1.042	1	95490	14

Reducers



Viega MegaPress reducer
Smart Connect technology
 - 304 stainless steel
 - Street, press connection
Components
 FKM sealing element
Model 4115.1

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
3/4	1/2	0.242	5	95355	14
1	1/2	0.347	5	95360	14
1	3/4	0.366	5	95365	14
1 1/4	1	0.685	1	95810	14
1 1/2	3/4	0.633	1	95370	14
1 1/2	1	0.723	1	95375	14
1 1/2	1 1/4	0.926	1	95815	14
2	1	0.932	1	95380	14
2	1 1/2	1.104	1	95385	14



Viega MegaPress reducer
Smart Connect technology
 - 304 stainless steel
 - Street, press connection
Components
 FKM sealing element
Note
 Must be installed with MegaPress XL rings
 and PressBooster/Z3 actuator
Model 4115.1XL

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
2 1/2	2	1.408	1	95675	14
3	2	1.845	1	95680	14
3	2 1/2	1.962	1	95685	14
4	2	2.905	1	95690	14
4	2 1/2	3.031	1	95695	14
4	3	3.306	1	95700	14



Viega MegaPress reducer
Smart Connect technology
 - 304 stainless steel
 - Press connection
Components
 FKM sealing elements
Model 4115.2

P1	P2	Wt [lb]	Quantity	Part No	DG
3/4	1/2	0.320	5	95335	14
1	3/4	0.480	5	95340	14
1 1/4	1	0.787	1	95820	14
1 1/2	1	0.849	1	95345	14
2	1 1/2	1.265	1	95350	14

Valves



Viega MegaPress 304 FKM 3-piece ball valve
Smart Connect technology
 - 316 stainless steel valve/304 stainless steel press ends
 - Press connection
Components
 FKM sealing elements, 304 locking handle
Model 4175.8

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	2.711	1	86500	14
3/4	3/4	3.557	1	86505	14
1	1	3.857	1	86510	14
1 1/4	1 1/4	7.159	1	86515	14
1 1/2	1 1/2	9.698	1	86520	14
2	2	10.019	1	86525	14



New

Viega MegaPress 304 FKM 3-piece ball valve
Smart Connect technology
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel valve/304 stainless steel press ends
 - Press connection
Components
 FKM sealing elements, 304 locking handle
Model 4175.8XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	12.453	1	86650 ¹⁾	14
3	3	18.624	1	86655 ¹⁾	14
4	4	31.187	1	86660 ¹⁾	14

¹⁾ Available soon!

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	5⁄8	4	2, 2½, 3	1.572	1	19758	8
2¾	5⁄8	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!