

MegaPress FKM



2.3

MegaPress FKM

Viega MegaPress FKM is the first and only clean, secure and efficient choice for joining ½" to 4" carbon steel pipe with an FKM sealing element. Meticulously engineered, it is suitable for renovations, repairs or installation on new carbon steel pipe systems. Viega MegaPress FKM 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.

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"
- 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
- Over 180 engineered fitting configurations from ½" to 4"
- 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 ensure secure connections
- UL and FM listed for fire-protection applications
- Not approved for use with Schedule 10 pipe ½" to 1" where UMC codes apply

AVAILABLE SOON!

Viega expands the MegaPress FKM product range with ZeroLead bronze IPS transition couplings that allow dissimilar piping systems to be connected, minimizing the risks of galvanic corrosion.

NOTE

Products within this section meet various codes, standards, listings and certifications. Please refer to the most up-to-date Tech Data sheets relevant to the product or to the listing agency's official record. A white dot on a Viega MegaPress fitting indicates Smart Connect technology with an FKM sealing element. Viega also offers a variety of valves for this product line, please check section 5.1 Valves for more details.

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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, zinc-nickel coating
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Model 5916

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.381	10	84305	12
3/4	3/4	0.520	10	84310	12
1	1	0.829	5	84315	12
1 1/4	1 1/4	1.303	1	84320	12
1 1/2	1 1/2	1.772	1	84325	12
2	2	2.557	1	84330	12



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

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

Components

FKM sealing elements, grip rings, separator rings

Note

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

Model 4816XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3.288	1	26500	12
3	3	4.576	1	26505	12
4	4	7.227	1	26510	12



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

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

Components

FKM sealing element, grip ring, separator ring

Model 5916.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.395	10	84875	12
3/4	3/4	0.522	10	84880	12
1	1	0.831	5	84885	12
1 1/4	1 1/4	1.322	1	84890	12
1 1/2	1 1/2	1.798	1	84895	12
2	2	2.596	1	84900	12



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

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

Components

FKM sealing element, grip ring, separator ring

Note

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

Model 4816.1XL

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3.231	1	26515	12
3	3	4.214	1	26520	12
4	4	7.189	1	26525	12



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

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

Components

FKM sealing elements, grip rings, separator rings

Model 5926

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.315	10	84335	12
3/4	3/4	0.423	10	84340	12
1	1	0.661	5	84345	12
1 1/4	1 1/4	1.069	1	84350	12
1 1/2	1 1/2	1.431	1	84355	12
2	2	1.975	1	84360	12



**Viega MegaPress 45° elbow
Smart Connect Technology**

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

Components

FKM sealing elements, grip rings, separator rings

Note

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

Model 4826XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	2.455	1	26530	12
3	3	3.418	1	26535	12
4	4	5.338	1	26540	12



**Viega MegaPress 45° street elbow
Smart Connect Technology**

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

Components

FKM sealing element, grip ring, separator ring

Model 5926.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
½	½	0.320	10	84905	12
¾	¾	0.423	10	84910	12
1	1	0.683	5	84915	12
1¼	1¼	1.071	1	84920	12
1½	1½	1.437	1	84925	12
2	2	2.138	1	84930	12



**Viega MegaPress 45° street elbow
Smart Connect Technology**

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

Components

FKM sealing element, grip ring, separator ring

Note

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

Model 4826.1XL

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
2½	2½	2.380	1	26545	12
3	3	3.165	1	26550	12
4	4	5.259	1	26555	12

Tees



**Viega MegaPress tee
Smart Connect Technology**

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

Components

FKM sealing elements, grip rings, separator rings

Model 5918

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
½	½	½	0.527	5	84365	12
¾	¾	½	0.650	5	84410	12
¾	¾	¾	0.701	5	84370	12
1	1	½	0.923	5	84415	12
1	1	¾	0.970	5	84420	12
1	1	1	1.045	5	84375	12
1¼	1¼	½	1.380	1	84380	12
1¼	1¼	¾	1.426	1	84385	12
1¼	1¼	1	1.499	1	84390	12
1¼	1¼	1¼	1.657	1	84395	12
1½	1½	½	1.794	1	84425	12
1½	1½	¾	1.843	1	84430	12
1½	1½	1	1.915	1	84435	12
1½	1½	1¼	2.070	1	84440	12
1½	1½	1½	2.191	1	84400	12
2	2	½	2.451	1	84445	12
2	2	¾	2.488	1	84450	12
2	2	1	2.565	1	84455	12
2	2	1¼	2.729	1	84460	12
2	2	1½	2.843	1	84465	12
2	2	2	2.993	1	84405	12



ViEGA MegaPress tee
Smart Connect Technology
 - For use with Sch. 5 to Sch. 40 carbon steel pipe
 - Carbon steel, zinc-nickel coating
 - Press connection
Components
 FKM sealing elements, grip rings, separator rings
Note
 Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.
Model 4818XL

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
2½	2½	1½	2.755	1	26575	12
2½	2½	2	3.251	1	26580	12
2½	2½	2½	3.672	1	26560	12
3	3	1¼	3.498	1	26595	12
3	3	1½	3.747	1	26590	12
3	3	2	4.060	1	26585	12
3	3	2½	4.247	1	26600	12
3	3	3	4.739	1	26565	12
4	4	1½	5.413	1	26605	12
4	4	2	5.453	1	26610	12
4	4	2½	5.640	1	26615	12
4	4	3	6.198	1	26620	12
4	4	4	7.818	1	26570	12



ViEGA MegaPress tee
Smart Connect Technology
 - For use with Sch. 5 to Sch. 40 carbon steel pipe
 - Carbon steel, zinc-nickel coating
 - Press connection, female pipe thread
Components
 FKM sealing elements, grip rings, separator rings
Model 5917.2

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
¾	¾	½	0.628	5	84545	12
¾	¾	¾	0.655	5	84550	12
1	1	½	0.901	5	84555	12
1	1	¾	0.915	5	84560	12
1¼	1¼	½	1.349	1	84575	12
1¼	1¼	¾	1.351	1	84570	12
1¼	1¼	1	1.499	1	84565	12
1½	1½	½	1.776	1	84580	12
1½	1½	¾	1.787	1	84585	12
1½	1½	1	1.979	1	84590	12
2	2	½	2.430	1	84595	12
2	2	¾	2.451	1	84600	12
2	2	1	2.623	1	84605	12



ViEGA MegaPress tee
Smart Connect Technology
 - For use with Sch. 5 to Sch. 40 carbon steel pipe
 - Carbon steel, zinc-nickel coating
 - Press connection, female pipe thread
Components
 FKM sealing elements, grip rings, separator rings
Note
 Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.
Model 4817.2XL

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
2½	2½	¾	2.440	1	26625	12
3	3	¾	3.015	1	26630	12
4	4	¾	4.434	1	26635	12

Adapters



ViEGA MegaPress adapter
Smart Connect Technology
 - For use with Sch. 5 to Sch. 40 carbon steel pipe
 - Carbon steel, zinc-nickel coating
 - Press connection, male pipe thread
Components
 FKM sealing element, grip ring, separator ring
Model 5911

P	MPT	Wt [lb]	Quantity	Part No	DG
½	½	0.236	10	84245	12
¾	¾	0.324	10	84250	12
1	1	0.496	5	84255	12
1¼	1¼	0.818	1	84260	12
1½	1½	1.093	1	84265	12
2	2	1.439	1	84270	12



ViEGA MegaPress adapter
Smart Connect Technology
 - For use with Sch. 5 to Sch. 40 carbon steel pipe
 - Carbon steel, zinc-nickel coating
 - Press connection, male pipe thread
Components
 FKM sealing element, grip ring, separator ring
Note
 Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.
Model 4811XL

P	MPT	Wt [lb]	Quantity	Part No	DG
2½	2½	1.708	1	26640	12
3	3	2.314	1	26645	12
4	4	4.020	1	26650	12



**Viega MegaPress adapter
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 carbon steel pipe
- Carbon steel, zinc-nickel coating
- Press connection, female pipe thread

Components

FKM sealing element, grip ring, separator ring

Model 5912

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.251	10	84275	12
3/4	1/2	0.306	10	84750	12
3/4	3/4	0.322	10	84280	12
1	1/2	0.450	5	84755	12
1	3/4	0.441	5	84760	12
1	1	0.541	5	84285	12
1 1/4	1/2	0.679	1	84765	12
1 1/4	3/4	0.703	1	84770	12
1 1/4	1	0.789	1	84775	12
1 1/4	1 1/4	0.705	1	84290	12
1 1/2	1/2	0.864	1	84780	12
1 1/2	3/4	0.882	1	84785	12
1 1/2	1	0.976	1	84790	12
1 1/2	1 1/4	0.886	1	84795	12
1 1/2	1 1/2	0.967	1	84295	12
2	3/4	1.168	1	84800	12
2	1	1.254	1	84805	12
2	1 1/2	1.217	1	84810	12
2	2	1.358	1	84300	12



**Viega MegaPress adapter
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 carbon steel pipe
- Carbon steel, zinc-nickel coating
- Press connection, female pipe thread

Components

FKM sealing element, grip ring, separator ring

Note

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

Model 4812XL

P	FPT	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.834	1	26655	12
3	3	2.364	1	26660	12
4	4	3.557	1	26665	12

Flanges



**Viega MegaPress flange
Smart Connect Technology**

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

Components

FKM sealing element, grip ring, separator ring

Model 5959.5

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
1/2	4	2 3/8	1.400	1	84845	12
3/4	4	2 3/4	1.849	1	84850	12
1	4	3 1/8	2.473	1	84855	12
1 1/4	4	3 1/2	3.006	1	84860	12
1 1/2	4	3 7/8	4.022	1	84865	12
2	4	4 3/4	5.907	1	84870	12

BP = bolt pattern
BPd = bolt pattern diameter



**Viega MegaPress flange
Smart Connect Technology**

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

Components

FKM sealing element, grip ring, separator ring

Note

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

Model 4859.5XL

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
2 1/2	4	5 1/2	8.157	1	26775	12
3	4	6	9.933	1	26780	12
4	8	7 1/2	13.198	1	26785	12

BP = bolt pattern
BPd = bolt pattern diameter

Caps



**Viega MegaPress cap
Smart Connect Technology**

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

Components

FKM sealing element, grip ring, separator ring

Model 5956

P	Wt [lb]	Quantity	Part No	DG
1/2	0.207	10	84100	12
3/4	0.271	10	84105	12
1	0.406	5	84110	12
1 1/4	0.635	1	84115	12
1 1/2	0.838	1	84120	12
2	1.113	1	84125	12



**Viega MegaPress cap
Smart Connect Technology**

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

Components

FKM sealing element, grip ring, separator ring

Note

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

Model 4856.1XL

P	Wt [lb]	Quantity	Part No	DG
2 1/2	1.309	1	26760	12
3	1.697	1	26765	12
4	2.707	1	26770	12

Unions



**Viega MegaPress union
Smart Connect Technology**

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

Components

AFM flat gasket, FKM sealing elements, grip rings, separator rings

Model 5960

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.771	5	84815	12
3/4	3/4	1.217	5	84820	12
1	1	1.415	5	84825	12
1 1/4	1 1/4	2.468	1	84830	12
1 1/2	1 1/2	2.722	1	84835	12
2	2	4.331	1	84840	12

Couplings



Viega MegaPress coupling

**With stop
Smart Connect Technology**

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

Components

FKM sealing elements, grip rings, separator rings

Model 5915

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.264	10	84215	12
3/4	3/4	0.350	10	84220	12
1	1	0.529	5	84225	12
1 1/4	1 1/4	0.875	1	84230	12
1 1/2	1 1/2	1.164	1	84235	12
2	2	1.472	1	84240	12



Viega MegaPress coupling

**With stop
Smart Connect Technology**

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

Components

FKM sealing elements, grip rings, separator rings

Note

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

Model 4815XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.671	1	26670	12
3	3	2.367	1	26675	12
4	4	3.928	1	26680	12



Viega MegaPress slip coupling
No stop
Smart Connect Technology
 - For use with Sch. 5 to Sch. 40 carbon steel pipe
 - Carbon steel, zinc-nickel coating
 - Press connection
Components
 FKM sealing elements, grip rings, separator rings
Model 5915.5

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.261	10	84130	12
¾	¾	0.344	10	84135	12
1	1	0.533	5	84140	12
1¼	1¼	0.873	1	84145	12
1½	1½	1.155	1	84150	12
2	2	1.471	1	84155	12



Viega MegaPress coupling
No stop
Smart Connect Technology
 - For use with Sch. 5 to Sch. 40 carbon steel pipe
 - Carbon steel, zinc-nickel coating
 - Press connection
Components
 FKM sealing elements, grip rings, separator rings
Note
 Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.
Model 4815.5XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	1.668	1	26685	12
3	3	2.374	1	26690	12
4	4	3.945	1	26695	12



New

Viega MegaPress FKM transition coupling
Zero Lead
Smart Connect Technology
 - For MegaPress transitions between dissimilar piping
 - Bronze
 - Press connections
Components
 FKM sealing elements, grip rings, separator rings
Model 5915ZL

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.215	1	76545¹	12
¾	¾	0.284	1	76550¹	12
1	1	0.462	1	76555¹	12
1¼	1¼	0.748	1	76560¹	12
1½	1½	0.862	1	76565¹	12
2	2	1.104	1	76570¹	12

¹ Available soon!

Reducers



Viega MegaPress reducer
Smart Connect Technology
 - For use with Sch. 5 to Sch. 40 carbon steel pipe
 - Carbon steel, zinc-nickel coating
 - Street, press connection
Components
 FKM sealing element, grip ring, separator ring
Model 5915.1

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
¾	½	0.273	5	84160	12
1	½	0.370	5	84165	12
1	¾	0.403	5	84170	12
1¼	¾	0.641	1	84175	12
1¼	1	0.699	1	84180	12
1½	¾	0.741	1	84185	12
1½	1	0.815	1	84190	12
1½	1¼	0.946	1	84195	12
2	1	1.016	1	84200	12
2	1¼	1.206	1	84205	12
2	1½	1.311	1	84210	12



Viega MegaPress reducer
Smart Connect Technology
 - For use with Sch. 5 to Sch. 40 carbon steel pipe
 - Carbon steel, zinc-nickel coating
 - Street, press connection
Components
 FKM sealing element, grip ring, separator ring
Note
 Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.
Model 4815.1XL

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
2½	1	1.181	1	26700	12
2½	1¼	1.305	1	26705	12
2½	1½	1.411	1	26710	12
2½	2	1.492	1	26715	12
3	1¼	1.933	1	26720	12
3	1½	1.880	1	26725	12
3	2	2.191	1	26730	12
3	2½	2.206	1	26735	12
4	1½	3.075	1	26740	12
4	2	3.110	1	26745	12
4	2½	3.037	1	26750	12
4	3	3.262	1	26755	12

Branch connectors



Viega MegaPress press-in branch connector

- For use with Sch. 10 carbon steel pipe only
- Carbon steel, zinc-nickel coating
- Press connection, female pipe thread

Components

FKM sealing element

Model 4812.2

for d	FPT	Wt [lb]	Quantity	Part No	DG
1½	¾	0.454	1	26800	12
2	¾	0.452	1	26805	12
2½	¾	0.458	1	26810	12
3	¾	0.452	1	26815	12
4	¾	0.445	1	26820	12
6	¾	0.441	1	26825	12



Viega MegaPress press-in branch connector

- For use with Sch. 40 carbon steel pipe only
- Carbon steel, zinc-nickel coating
- Press connection, female pipe thread

Components

FKM sealing element

Model 4812.25

for d	FPT	Wt [lb]	Quantity	Part No	DG
1½	¾	0.432	1	26830	12
2	¾	0.441	1	26835	12
2½	¾	0.441	1	26840	12
3	¾	0.410	1	26845	12
4	¾	0.410	1	26850	12
6	¾	0.388	1	26855	12