

MegaPress CuNi



MegaPress CuNi

Now with NAVSEA approval, Viega offers the MegaPress CuNi 90:10 IPS system with FKM sealing element for marine and industrial pipe joining applications. The MegaPress CuNi system is approved for installation in a variety of applications, from cooling water to fuel to fire sprinkler. It is a 90:10 copper nickel alloy that is specifically designed to stand up to the harsh environments of the sea.

FEATURES AND BENEFITS

- No fire watches, hot work permits or gas freeing necessary
- Makes secure press connections on sizes from ½" to 4" in seconds
- Installations are completed with a battery-operated press tool
- Copper nickel alloy (CuNi 90:10) well-suited for marine environments and systems
- Complies with DIN 86019 and with a factory standard governing the accuracy of dimensions and surface quality
- Can be used on Schedule 40 and Class 200 90/10 copper nickel pipe
- Complies with DIN 86019 and UNS C70600 compositionally, as well as ASTM B466 and Mil-T-16420K dimensionally
- Installed with Viega MegaPress CuNi Marine Jaws and Rings (or existing MegaPress press jaws and rings for XL 2-1/2" - 4" sizes)
- Backed by limited written warranty
- MegaPress CuNi product stocked in North America and ready to ship

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 indicates an FKM sealing element.

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Elbows



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

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Model 0516

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.357	10	88000	17
3/4	3/4	0.469	10	88005	17
1	1	0.890	5	88010	17
1 1/4	1 1/4	1.400	1	88015	17
1 1/2	1 1/2	1.653	1	88020	17
2	2	2.341	1	88025	17



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

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Note

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

Model 0516XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3.707	1	88030	17
3	3	5.338	1	88035	17
4	4	8.734	1	88040	17



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

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Press connection, street

Components

FKM sealing element, grip ring, separator ring

Model 0516.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.346	10	88045	17
3/4	3/4	0.463	10	88050	17
1	1	0.901	5	88055	17
1 1/4	1 1/4	1.375	1	88060	17
1 1/2	1 1/2	1.624	1	88065	17
2	2	2.391	1	88070	17



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

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Press connection, street

Components

FKM sealing element, grip ring, separator ring

Note

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

Model 0516.1XL

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3.665	1	88075	17
3	3	5.071	1	88080	17
4	4	8.402	1	88085	17



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

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Model 0526

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.300	10	88090	17
3/4	3/4	0.390	10	88095	17
1	1	0.716	5	88100	17
1 1/4	1 1/4	1.144	1	88105	17
1 1/2	1 1/2	1.349	1	88110	17
2	2	1.858	1	88115	17



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

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Note

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

Model 0526XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	2.768	1	88120	17
3	3	3.985	1	88125	17
4	4	6.475	1	88130	17



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

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Press connection, street

Components

FKM sealing element, grip ring, separator ring

Model 0526.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
½	½	0.298	10	88135	17
¾	¾	0.381	10	88140	17
1	1	0.738	5	88145	17
1¼	1¼	1.135	1	88150	17
1½	1½	1.289	1	88155	17
2	2	1.867	1	88160	17



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

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Press connection, street

Components

FKM sealing element, grip ring, separator ring

Note

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

Model 0526.1XL

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
2½	2½	2.673	1	88165	17
3	3	3.701	1	88170	17
4	4	6.143	1	88175	17

Tees



**Viega MegaPress tee
Smart Connect Technology**

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Model 0518

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
½	½	½	0.489	5	88180	17
¾	¾	¾	0.650	5	88185	17
1	1	½	0.981	5	88225	17
1	1	¾	1.001	5	88230	17
1	1	1	1.115	5	88190	17
1¼	1¼	1¼	1.750	1	88195	17
1½	1½	1½	2.043	1	88200	17
2	2	½	2.281	1	88235	17
2	2	¾	2.316	1	88240	17
2	2	1	2.409	1	88245	17
2	2	2	2.781	1	88205	17



**Viega MegaPress tee
Smart Connect Technology**

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Note

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

Model 0518XL

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
2½	2½	2½	3.709	1	88210	17
3	3	2	4.481	1	88250	17
3	3	2½	4.866	1	88255	17
3	3	3	5.431	1	88215	17
4	4	2	6.592	1	88260	17
4	4	2½	7.007	1	88265	17
4	4	3	7.621	1	88270	17
4	4	4	9.017	1	88220	17



Viega MegaPress tee
Smart Connect Technology
 - For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
 - CuNiFe 90/10
 - Press connection, female pipe thread
Components
 FKM sealing elements, grip rings, separator rings
Model 0517.2

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
½	½	½	0.480	5	88275	17
1	1	½	0.965	5	88280	17
1	1	¾	0.987	5	88285	17
2	2	½	2.255	1	88290	17
2	2	¾	2.283	1	88295	17



Viega MegaPress tee
Smart Connect Technology
 - For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
 - CuNiFe 90/10
 - 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 0517.2XL

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
3	3	½	3.462	1	88300	17
3	3	¾	3.489	1	88305	17
4	4	½	5.320	1	88310	17
4	4	¾	5.466	1	88315	17

Adapters



Viega MegaPress adapter
Smart Connect Technology
 - For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
 - CuNiFe 90/10
 - Press connection, male pipe thread
Components
 FKM sealing element, grip ring, separator ring
Model 0511

P	MPT	Wt [lb]	Quantity	Part No	DG
½	½	0.234	10	88320	17
¾	¾	0.318	10	88325	17
1	1	0.529	5	88330	17
1¼	1¼	0.890	1	88335	17
1½	1½	1.091	1	88340	17
2	2	1.461	1	88345	17



Viega MegaPress adapter
Smart Connect Technology
 - For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
 - CuNiFe 90/10
 - Press connection, female pipe thread
Components
 FKM sealing element, grip ring, separator ring
Model 0512

P	FPT	Wt [lb]	Quantity	Part No	DG
½	½	0.258	10	88350	17
¾	¾	0.328	10	88355	17
1	1	0.599	5	88360	17
1¼	1¼	0.767	1	88365	17
1½	1½	0.974	1	88370	17
2	2	1.384	1	88375	17

Flanges



Viega MegaPress flange
Smart Connect Technology
 - For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
 - CuNiFe 90/10
 - Press connection
 - ANSI 150lb drilled flange x press
Components
 FKM sealing element, grip ring, separator ring
Model 0559

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
1	4	3⅞	2.537	1	88680	17
1¼	4	3⅞	2.953	1	88685	17
1½	4	3½	3.795	1	88690	17
2	4	4¾	6.098	1	88695	17

BP = bolt pattern
 BPd = bolt pattern diameter



**Viega MegaPress flange
Smart Connect Technology**

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10

- Press connection
- ANSI 150lb drilled flange x press

Components

FKM sealing elements, grip rings, separator rings

Note

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

Model 0559.3XL

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
2½	4	5½	9.393	1	88700	17
3	4	6	10.804	1	88705	17
4	8	7½	15.507	1	88710	17

BP = bolt pattern
BPd = bolt pattern diameter

Unions



**Viega MegaPress union
Smart Connect Technology**

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10

- Press connection

Components

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

Model 0560

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.701	5	88620	17
¾	¾	1.150	5	88625	17
1	1	1.479	5	88630	17
1¼	1¼	2.665	1	88635	17
1½	1½	2.737	1	88640	17
2	2	4.390	1	88645	17



**Viega MegaPress union
Smart Connect Technology**

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10

- Press connection, male pipe thread

Components

AFM flat gasket, FKM sealing element, grip ring, separator ring

Model 0565

P	MPT	Wt [lb]	Quantity	Part No	DG
½	½	0.602	5	88650	17
¾	¾	1.025	5	88655	17
1	1	1.263	5	88660	17
1¼	1¼	2.394	1	88665	17
1½	1½	2.387	1	88670	17
2	2	3.967	1	88675	17

Couplings



**Viega MegaPress coupling
With stop
Smart Connect Technology**

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10

- Press connection

Components

FKM sealing elements, grip rings, separator rings

Model 0515

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.256	10	88380	17
¾	¾	0.335	10	88385	17
1	1	0.555	5	88390	17
1¼	1¼	0.939	1	88395	17
1½	1½	1.109	1	88400	17
2	2	1.395	1	88405	17



**Viega MegaPress coupling
With stop
Smart Connect Technology**

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10

- Press connection

Components

FKM sealing elements, grip rings, separator rings

Note

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

Model 0515XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	1.871	1	88410	17
3	3	2.709	1	88415	17
4	4	4.487	1	88420	17



Viega MegaPress coupling

No stop

Smart Connect Technology

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Model 0515.5

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.251	10	88425	17
3/4	3/4	0.335	10	88430	17
1	1	0.553	5	88435	17
1 1/4	1 1/4	0.948	1	88440	17
1 1/2	1 1/2	1.106	1	88445	17
2	2	1.389	1	88450	17



Viega MegaPress coupling

No stop

Smart Connect Technology

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Note

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

Model 0515.5XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.884	1	88455	17
3	3	2.729	1	88460	17
4	4	4.474	1	88465	17

Reducers



Viega MegaPress reducer

Smart Connect Technology

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Street, press connection

Components

FKM sealing element, grip ring, separator ring

Model 0515.1

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
3/4	1/2	0.267	5	88545	17
1	1/2	0.395	5	88550	17
1	3/4	0.419	5	88555	17
1 1/4	3/4	0.644	1	88560	17
1 1/4	1	0.754	1	88565	17
1 1/2	1	0.807	1	88570	17
1 1/2	1 1/4	0.981	1	88575	17
2	1 1/4	1.214	1	88580	17
2	1 1/2	1.241	1	88585	17



Viega MegaPress reducer

Smart Connect Technology

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Street, press connection

Components

FKM sealing elements, grip rings, separator rings

Note

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

Model 0515.1XL

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
2 1/2	1 1/2	1.457	1	88590	17
2 1/2	2	1.574	1	88595	17
3	2	2.052	1	88600	17
3	2 1/2	2.206	1	88605	17
4	2 1/2	3.394	1	88610	17
4	3	3.665	1	88615	17



Viega MegaPress reducer

Smart Connect Technology

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Model 0515.2

P1	P2	Wt [lb]	Quantity	Part No	DG
3/4	1/2	0.355	5	88470	17
1	1/2	0.514	5	88475	17
1	3/4	0.529	5	88480	17
1 1/4	3/4	0.743	1	88485	17
1 1/4	1	0.871	1	88490	17
1 1/2	1	0.972	1	88495	17
1 1/2	1 1/4	1.115	1	88500	17
2	1 1/4	1.358	1	88505	17
2	1 1/2	1.413	1	88510	17



**Viega MegaPress reducer
Smart Connect Technology**

- For use in installations of Class 200 or Schedule 40 IPS copper nickel pipe
- CuNiFe 90/10
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Note

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

Model 0515.2XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	1½	1.812	1	88515	17
2½	2	1.873	1	88520	17
3	2	2.442	1	88525	17
3	2½	2.616	1	88530	17
4	2½	3.773	1	88535	17
4	3	4.084	1	88540	17

