

# MegaPress CuNi



## MegaPress CuNi

Viega offers the Viega MegaPress CuNi 90/10 IPS system for marine and industrial pipe joining applications. The Viega 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
- Makes secure press connections 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
- Compatible with existing MegaPress jaws and rings
- Backed by limited written warranty
- MegaPress CuNi product stocked in North America and ready to ship

### TYPE APPROVALS

- ABS: American Bureau of Shipping Type Approval
- ASME: B31.1 Power Piping
- ASME: B31.3 Process Piping
- ASME: B31.9 Building Services Piping
- ASTM: F3226 Standard Specification for Metallic Press-Connect Fittings for Piping and Tubing Systems
- BV: Bureau Veritas Type Approval
- DNV GL: Det Norske Veritas Germanischer Lloyd Type Approval
- LR: Lloyd's Register Type Approval
- RINA: Registro Italiano Navale
- USCG: U.S. Coast Guard Acceptance Letter

### LISTINGS AND CERTIFICATIONS

- CRN: 19839.5 A/B
- United States Coast Guard Acceptance Letter 2019-3660

### NOTE

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

**Index**

Elbows	138
Tees	139
Adapters	140
Flanges	140
Unions	141
Couplings	141
Reducers	142
Tools	143

**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

**Model 0516**

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

Note

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

**Model 0516XL**

New

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

**Model 0516.1**

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

Note

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

**Model 0516.1XL**

New

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

**Model 0526**

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



**New**

**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

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	<b>88120</b>	17
3	3	3.985	1	<b>88125</b>	17
4	4	6.475	1	<b>88130</b>	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

**Model 0526.1**

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



**New**

**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

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	<b>88165</b>	17
3	3	3.701	1	<b>88170</b>	17
4	4	6.143	1	<b>88175</b>	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

**Model 0518**

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
½	½	½	0.489	5	<b>88180</b>	17
¾	¾	¾	0.650	5	<b>88185</b>	17
1	1	½	0.487	5	<b>88225</b>	17
1	1	¾	1.001	5	<b>88230</b>	17
1	1	1	1.115	5	<b>88190</b>	17
1¼	1¼	1¼	1.750	1	<b>88195</b>	17
1½	1½	1½	2.043	1	<b>88200</b>	17
2	2	½	2.281	1	<b>88235</b>	17
2	2	¾	2.316	1	<b>88240</b>	17
2	2	1	2.409	1	<b>88245</b>	17
2	2	2	2.781	1	<b>88205</b>	17



**New**

**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

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	<b>88210</b>	17
3	3	2	4.481	1	<b>88250</b>	17
3	3	2½	4.866	1	<b>88255</b>	17
3	3	3	5.431	1	<b>88215</b>	17
4	4	2	6.592	1	<b>88260</b>	17
4	4	2½	7.007	1	<b>88265</b>	17
4	4	3	7.621	1	<b>88270</b>	17
4	4	4	9.017	1	<b>88220</b>	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

**Model 0517.2**

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



New

**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

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	<b>88300</b>	17
3	3	¾	3.489	1	<b>88305</b>	17
4	4	½	5.320	1	<b>88310</b>	17
4	4	¾	5.466	1	<b>88315</b>	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

**Model 0511**

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

**Model 0512**

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

**Model 0559**

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

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	<b>88700</b>	17
3	4	6	10.804	1	<b>88705</b>	17
4	8	7½	15.177	1	<b>88710</b>	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

FKM flat gasket, FKM sealing elements

**Model 0560**

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

FKM flat gasket, FKM sealing element

**Model 0565**

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

**Model 0515**

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



**New**

**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

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	<b>88410</b>	17
3	3	2.709	1	<b>88415</b>	17
4	4	4.487	1	<b>88420</b>	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

**Model 0515.5**

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.251	10	<b>88425</b>	17
¾	¾	0.335	10	<b>88430</b>	17
1	1	0.553	5	<b>88435</b>	17
1¼	1¼	0.948	1	<b>88440</b>	17
1½	1½	1.106	1	<b>88445</b>	17
2	2	1.389	1	<b>88450</b>	17



New

**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

Note

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

**Model 0515.5XL**

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	1.884	1	<b>88455</b>	17
3	3	2.729	1	<b>88460</b>	17
4	4	4.474	1	<b>88465</b>	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

**Model 0515.1**

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
¾	½	0.267	5	<b>88545</b>	17
1	½	0.395	5	<b>88550</b>	17
1	¾	0.419	5	<b>88555</b>	17
1¼	¾	0.644	1	<b>88560</b>	17
1¼	1	0.754	1	<b>88565</b>	17
1½	1	0.807	1	<b>88570</b>	17
1½	1¼	0.981	1	<b>88575</b>	17
2	1¼	1.214	1	<b>88580</b>	17
2	1½	1.241	1	<b>88585</b>	17



New

**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

Note

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

**Model 0515.1XL**

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
2½	1½	1.457	1	<b>88590</b>	17
2½	2	1.574	1	<b>88595</b>	17
3	2	2.052	1	<b>88600</b>	17
3	2½	2.206	1	<b>88605</b>	17
4	2½	3.394	1	<b>88610</b>	17
4	3	3.665	1	<b>88615</b>	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

**Model 0515.2**

P1	P2	Wt [lb]	Quantity	Part No	DG
¾	½	0.355	5	<b>88470</b>	17
1	½	0.514	5	<b>88475</b>	17
1	¾	0.529	5	<b>88480</b>	17
1¼	¾	0.743	1	<b>88485</b>	17
1¼	1	0.871	1	<b>88490</b>	17
1½	1	0.972	1	<b>88495</b>	17
1½	1¼	1.115	1	<b>88500</b>	17
2	1¼	1.358	1	<b>88505</b>	17
2	1½	1.413	1	<b>88510</b>	17





**New**

**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

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	<b>88515</b>	17
2½	2	1.873	1	<b>88520</b>	17
3	2	2.442	1	<b>88525</b>	17
3	2½	2.616	1	<b>88530</b>	17
4	2½	3.773	1	<b>88535</b>	17
4	3	4.084	1	<b>88540</b>	17

**Tools**



**Ridgid RP 340 press tool kit  
MegaPress  
Standard**

- 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	<b>56012</b>	16



**V2 Actuator press jaw set**

- For Ridgid standard tools, Viega MegaPress connections ½" to 2"

Components

V2 actuator, MegaPress jaw sizes ½" to 1", MegaPress rings sizes 1 ¼" to 2", branded soft-sided case

**Model 2880.71**

for d	Wt [lb]	Quantity	Part No	DG
½-2	48.986	1	<b>56013</b>	16



**Ridgid RP 340 press tool  
Standard**

- For Viega PureFlow Press connections ½" to 2", Viega ProPress connections ½" to 4", Viega MegaPress connections ½" 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	<b>56024</b>	16



**Viega MegaPress XL PressBooster**

- For Viega MegaPress connections 2½", 3", 4"

Components

XL PressBooster, 2½" 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
2½-4	37.027	1	<b>26200</b>	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	<b>26201</b>	16

