

SeaPress



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SeaPress

Viega LLC offers the Viega SeaPress system for marine and industrial pipe joining applications. The Viega SeaPress system, in metric sizes, can be used in a variety of freshwater and seawater applications.

The Viega SeaPress system is a 90:10 copper nickel alloy that is specifically designed to stand up to the harsh environments of the sea. It is the only metric copper nickel press fitting with a double-sided press connection, making it the strongest press connection on the market.

FEATURES AND BENEFITS

- No fire watches, hot work permits or chemist required
- Only Viega offers press rings for working in tight areas
- Makes secure press connections in sizes ranging from 15mm to 108mm in a matter of seconds
- Installations are completed with a handheld 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
- Compatible with existing press tools
- Backed by limited written warranty
- SeaPress product stocked in North America and ready to ship

TYPE APPROVALS

- ABS: American Bureau of Shipping
- ASTM F3226: Standard Specification for Metallic Press-Connect Fittings for Piping and Tubing Systems
- LR: Lloyd's Register
- BV: Bureau of Veritas
- DNV GL: Det Norske Veritas Germanischer Lloyd
- RINA: Registro Italiano Navale
- United States Coast Guard Acceptance Letter 2019-3650

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Elbows



SeaPress 90° elbow
 - CuNiFe 90/10
 - Press connections
Components
 EPDM sealing elements
Model 0316

P1	P2	Wt [lb]	Quantity	Part No	DG
15	15	0.099	10	453 169	7
22	22	0.193	10	453 176	7
28	28	0.273	4	453 183	7
35	35	0.421	4	453 190	7
42	42	0.809	2	453 206	7
54	54	1.098	2	453 213	7



SeaPress XL 90° elbow
 - CuNiFe 90/10
 - Press connections
Components
 EPDM sealing elements
Model 0316XL

P1	P2	Wt [lb]	Quantity	Part No	DG
76.1	76.1	2.854	1	556 570	7
88.9	88.9	3.615	1	556 563	7
108.0	108.0	6.281	1	556 556	7



SeaPress 90° elbow
 - CuNiFe 90/10
 - Press connection, street
Components
 EPDM sealing element
Model 0316.1

P	FTG	Wt [lb]	Quantity	Part No	DG
15	15	0.099	10	453 220	7
22	22	0.184	10	453 237	7
28	28	0.262	4	453 244	7
35	35	0.406	4	453 657	7
42	42	0.778	2	453 664	7
54	54	1.080	2	453 671	7



SeaPress XL 90° elbow
 - CuNiFe 90/10
 - Press connection, street
Components
 EPDM sealing element
Model 0316.1XL

P	FTG	Wt [lb]	Quantity	Part No	DG
76.1	76.1	2.634	1	556 525	7
88.9	88.9	3.423	1	556 532	7
108.0	108.0	5.841	1	556 549	7



SeaPress 45° elbow
 - CuNiFe 90/10
 - Press connections
Components
 EPDM sealing elements
Model 0326

P1	P2	Wt [lb]	Quantity	Part No	DG
15	15	0.083	10	453 886	7
22	22	0.156	10	453 893	7
28	28	0.213	4	453 909	7
35	35	0.315	4	453 916	7
42	42	0.622	2	453 923	7
54	54	0.841	2	453 930	7



SeaPress XL 45° elbow
 - CuNiFe 90/10
 - Press connections
Components
 EPDM sealing elements
Model 0326XL

P1	P2	Wt [lb]	Quantity	Part No	DG
76.1	76.1	2.049	1	556 617	7
88.9	88.9	2.480	1	556 624	7
108.0	108.0	4.249	1	556 631	7



SeaPress 45° elbow
 - CuNiFe 90/10
 - Press connection, street
Components
 EPDM sealing element
Model 0326.1

P	FTG	Wt [lb]	Quantity	Part No	DG
15	15	0.084	10	453 947	7
22	22	0.145	10	453 954	7
28	28	0.203	4	453 961	7
35	35	0.307	4	453 978	7
42	42	0.593	2	453 985	7
54	54	0.800	2	453 992	7



SeaPress XL 45° elbow
 - CuNiFe 90/10
 - Press connection, street
Components
 EPDM sealing element
Model 0326.1XL

P	FTG	Wt [lb]	Quantity	Part No	DG
76.1	76.1	1.962	1	556 587	7
88.9	88.9	2.124	1	556 594	7
108.0	108.0	4.011	1	556 600	7

Tees



SeaPress tee
 - CuNiFe 90/10
 - Press connections
Components
 EPDM sealing elements
Model 0318

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
15	15	15	0.178	10	453 473	7
22	22	22	0.357	10	453 480	7
28	28	28	0.422	4	453 497	7
35	35	35	0.611	4	453 503	7
42	35	42	0.904	2	453 534	7
42	42	42	1.136	2	453 510	7
54	35	54	1.206	2	453 541	7
54	42	54	1.385	2	453 558	7
54	54	54	1.537	2	453 527	7



SeaPress XL tee
 - CuNiFe 90/10
 - Press connections
Components
 EPDM sealing elements
Model 0318XL

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
76.1	35	76.1	1.935	1	453 794	7
76.1	54	76.1	2.314	1	453 800	7
76.1	76.1	76.1	2.859	1	556 228	7
88.9	35	88.9	2.228	1	453 824	7
88.9	54	88.9	2.618	1	453 831	7
88.9	76.1	88.9	3.185	1	453 848	7
88.9	88.9	88.9	3.545	1	556 235	7
108.0	54	108.0	3.930	1	453 862	7
108.0	76.1	108.0	4.606	1	453 879	7
108.0	108.0	108.0	5.741	1	556 242	7



SeaPress tee
 - CuNiFe 90/10
 - Press connections, Rp-thread
Components
 EPDM sealing elements
Model 0317.2

P1	Rp	P2	Wt [lb]	Quantity	Part No	DG
35	¾	35	0.544	1	453 749	7
42	¾	42	0.820	1	453 756	7
54	¾	54	1.124	1	453 763	7



SeaPress XL tee
 - CuNiFe 90/10
 - Press connections, Rp-thread
Components
 EPDM sealing elements
Model 0317.2XL

P1	Rp	P2	Wt [lb]	Quantity	Part No	DG
76.1	¾	76.1	1.865	1	453 770	7

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SeaPress tee
 - CuNiFe 90/10
 - Press connections, female pipe thread
Components
 EPDM sealing elements
Model 0317.5

P1	NPT	P2	Wt [lb]	Quantity	Part No	DG
35	¾	35	0.553	1	461 072	7
42	¾	42	0.847	1	461 089	7
54	¾	54	1.144	1	461 096	7

Adapters



SeaPress adapter
 - CuNiFe 90/10
 - Press connection, R-thread
Components
 EPDM sealing element
Model 0311

P	R	Wt [lb]	Quantity	Part No	DG
15	½	0.112	4	452 971	7
22	¾	0.204	4	452 995	7
28	1	0.284	4	452 988	7
35	1¼	0.436	2	453 008	7
42	1½	0.644	2	453 015	7
54	2	1.067	2	453 022	7



SeaPress adapter
 - CuNiFe 90/10
 - Press connection, male pipe thread
Components
 EPDM sealing element
Model 0311.5

P	NPT	Wt [lb]	Quantity	Part No	DG
15	½	0.120	4	460 792	7
22	¾	0.208	4	460 815	7
28	1	0.296	4	460 822	7
35	1¼	0.445	4	461 157	7
42	1½	0.645	2	461 164	7
54	2	1.080	2	461 171	7



SeaPress adapter
 - CuNiFe 90/10
 - Press connection, Rp-thread
Components
 EPDM sealing element
Model 0312

P	Rp	Wt [lb]	Quantity	Part No	DG
15	½	0.138	4	453 039	7
22	¾	0.184	4	453 046	7
28	1	0.267	4	453 053	7
35	1¼	0.390	2	453 060	7
42	1½	0.666	2	453 084	7
54	2	1.252	2	453 091	7



SeaPress adapter
 - CuNiFe 90/10
 - Press connection, female pipe thread
Components
 EPDM sealing element
Model 0312.5

P	NPT	Wt [lb]	Quantity	Part No	DG
15	½	0.141	4	461 188	7
22	¾	0.176	4	461 195	7
28	1	0.278	4	461 201	7
35	1¼	0.338	4	461 218	7
42	1½	0.637	2	461 225	7
54	2	0.994	2	461 249	7

Flanges



SeaPress flange
 - CuNiFe 90/10
 - Stub end
Model 0359.3

FTG	Wt [lb]	Quantity	Part No	DG
22	0.456	1	454 067	7
28	0.580	1	454 074	7
35	0.849	1	454 081	7
42	1.199	1	454 098	7
54	1.631	1	454 104	7



SeaPress XL flange
 - CuNiFe 90/10
 - Stub end
Model 0359.3XL

FTG	Wt [lb]	Quantity	Part No	DG
76.1	1.946	1	454 111	7
88.9	2.554	1	454 128	7
108.0	3.535	1	454 135	7



SeaPress flange
 - Bronze
 - Press connection
 - ANSI 150lb drilled flange x metric press
Components
 EPDM sealing element
Model 2259.5U

P	Wt [lb]	Quantity	Part No	DG
28	3.086	1	592 011	7
35	3.548	1	592 028	7
42	4.249	1	592 035	7
54	6.127	1	592 042	7



SeaPress XL flange
 - Use with press jaw set standard tool
 Model 2297.3XL
 - Bronze
 - Press connection
 - ANSI 150lb drilled flange x metric press
Components
 EPDM sealing element
Model 2259.5XU

P	Wt [lb]	Quantity	Part No	DG
76.1	8.463	1	592 059	7
88.9	10.026	1	592 066	7
108.0	14.147	1	592 073	7

Unions



SeaPress union
 - CuNiFe 90/10
 - Press connection, R-thread
Components
 EPDM flat gasket, EPDM sealing element
Model 0365

P	R	Wt [lb]	Quantity	Part No	DG
15	½	0.293	1	477 172	7
22	½	0.430	1	477 189	7
22	¾	0.453	1	477 196	7
28	1	0.716	1	477 202	7
35	1¼	0.930	1	477 219	7
42	1½	1.359	1	534 684	7



SeaPress union
 - CuNiFe 90/10
 - Press connection, male pipe thread
Components
 EPDM flat gasket, EPDM sealing element
Model 0365.5

P	NPT	Wt [lb]	Quantity	Part No	DG
15	½	0.295	1	477 226	7
22	½	0.430	1	477 233	7
22	¾	0.458	1	477 240	7
28	1	0.723	1	477 264	7
35	1¼	0.926	1	477 257	7
42	1½	1.379	1	534 691	7

Couplings



**SeaPress coupling
 With stop**
 - CuNiFe 90/10
 - Press connections
Components
 EPDM sealing elements
Model 0315

P1	P2	Wt [lb]	Quantity	Part No	DG
15	15	0.075	10	453 107	7
22	22	0.128	10	453 114	7
28	28	0.165	10	453 121	7
35	35	0.218	4	453 138	7
42	42	0.505	2	453 145	7
54	54	0.628	2	453 152	7



**SeaPress XL coupling
 With stop**
 - CuNiFe 90/10
 - Press connections
Components
 EPDM sealing elements
Model 0315XL

P1	P2	Wt [lb]	Quantity	Part No	DG
76.1	76.1	1.543	1	556 495	7
88.9	88.9	1.722	1	556 501	7
108.0	108.0	2.799	1	556 518	7



**SeaPress coupling
 No stop**
 - CuNiFe 90/10
 - Press connections
Components
 EPDM sealing elements
Model 0315.3

P1	P2	Wt [lb]	Quantity	Part No	DG
15	15	0.075	10	453 299	7
22	22	0.128	10	453 305	7
28	28	0.165	10	453 312	7
35	35	0.218	4	453 329	7
42	42	0.489	2	453 336	7
54	54	0.628	2	453 343	7

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SeaPress XL coupling

No stop

- CuNiFe 90/10
- Press connections

Components

EPDM sealing elements

Model 0315.5XL

P1	P2	Wt [lb]	Quantity	Part No	DG
76.1	76.1	1.508	1	453 411	7
88.9	88.9	1.740	1	453 428	7
108.0	108.0	2.806	1	453 435	7

Reducers



SeaPress reducer

- CuNiFe 90/10
- Street, press connection

Components

EPDM sealing element

Model 0315.1

FTG	P	Wt [lb]	Quantity	Part No	DG
22	15	0.087	10	452 810	7
28	22	0.134	10	452 827	7
35	22	0.175	4	452 834	7
35	28	0.185	4	452 841	7
42	28	0.287	2	453 251	7
42	35	0.301	2	453 268	7
54	35	0.392	2	453 275	7
54	42	0.563	2	453 282	7



SeaPress XL reducer

- CuNiFe 90/10
- Street, press connection

Components

EPDM sealing element

Model 0315.1XL

FTG	P	Wt [lb]	Quantity	Part No	DG
76.1	42	1.007	1	453 350	7
76.1	54	1.098	1	556 648	7
88.9	54	1.260	1	453 374	7
88.9	76.1	1.633	1	556 198	7
108.0	76.1	2.290	1	556 204	7
108.0	88.9	2.402	1	556 211	7

Sealing Elements and Gaskets



Sealing element

EPDM

- For drinking water installation, heating installation
- Temperature stability up to 250° F

Model 2289

VdS	for d	i.d.	s	Wt [lb]	Quantity	Part No	DG
	12	12.1	2.35	0.001	10	288 600	7
	14	14.1	2.5	0.001	10	448 370	7
	15	15.1	2.6	0.001	10	183 400	7
	16	16	2.6	0.001	10	448 387	7
	18	18.2	2.6	0.001	10	281 595	7
✓	22	22.2	3.1	0.002	10	183 523	7
✓	28	28.3	3.1	0.002	10	184 452	7
✓	35	35.4	3.25	0.003	10	181 208	7
✓	42	42.4	4.13	0.005	10	184 940	7
✓	54	54.4	4.13	0.007	10	191 153	7

VdS = VdS certification

i.d. = internal-Ø

s = thickness



Sealing element

EPDM

- For Sanpress XL, drinking water installation, heating installation
- Temperature stability up to 250° F

Model 2289XL

for d	i.d.	s	Wt [lb]	Quantity	Part No	DG
76.1	77	5	0.014	10	364 816	7
88.9	90	5	0.016	10	364 823	7
108.0	109	5	0.019	10	364 830	7

i.d. = internal-Ø

s = thickness



Profipress G sealing element

HNBR

- For fuel gas, heating oil, diesel applications
- Temperature stability up to 180° F

Model 2687

for d	s	Wt [lb]	Quantity	Part No	DG
12	2.35	0.007	5	348 571	7
15	2.6	0.007	5	348 588	7
18	2.6	0.007	5	348 595	7
22	3.1	0.010	5	348 601	7
28	3.1	0.008	5	348 618	7
35	3.25	0.011	5	348 625	7
42	4.13	0.011	5	348 632	7
54	4.13	0.014	5	348 649	7

s = thickness

