

ProPress (304 FKM)



1.3



ProPress (304 FKM)

Viega ProPress for stainless is engineered for harsh industrial environments where the piping systems may come into contact with corrosive cleaning liquids. A complete solution with pipe, valves and fittings, Viega ProPress for stainless reduces downtime and increases reliability. All Viega ProPress fittings offer the patented Viega Smart Connect feature, the quick and easy way to identify unpressed connections.

FEATURES AND BENEFITS

- Available in two grades of stainless, 304 and 316
- More than 600 different engineered fitting configurations for stainless
- Available in sizes ½" to 4"
- Approved for more than 225 different applications
- Customizable with a choice of sealing elements

CODES AND STANDARDS

- ASME B31.1: Power Piping
- ASME B31.3: Process Piping
- ASME B31.9: Building Service Piping
- ASTM A312: Standard Specification for Seamless Welded and Heavily Cold Worked Austenitic Stainless Steel Pipe
- ASTM A554: Standard Specification for Welded Stainless Steel Mechanical Tubing

LISTINGS AND CERTIFICATIONS

- ABS: America Bureau of Shipping
- CRN 13492.5: Canadian Registration Number
- UL 213: Underwriters Laboratories(1/2" to 2")

NOTE

A white dot on a Viega ProPress (304 FKM) fitting indicates the Smart Connect feature with a FKM sealing element.

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Pipes



Viega ProPress pipe
 - Stainless steel 304
Note
 All Viega ProPress pipe is copper tube size (CTS).
ASTM A312
Model 0103

d	L [ft]	Wt [lb]	Quantity	Part No	DG
1/2	20	7.480	5	87000	9
3/4	20	10.800	5	87005	9
1	20	14.120	5	87010	9
1 1/4	20	17.460	5	87015	9
1 1/2	20	20.740	5	87020	9
2	20	27.380	5	87025	9



Viega ProPress pipe XL
 - Stainless steel 304
Note
 All Viega ProPress pipe is copper tube size (CTS).
ASTM A312
Model 0107XL

d	L [ft]	Wt [lb]	Quantity	Part No	DG
2 1/2	20	43.580	5	87095	9
3	20	52.120	5	87100	9
4	20	69.240	5	87105	9



Viega ProPress pipe ECO
 - Stainless steel 304
Note
 All Viega ProPress pipe is copper tube size (CTS).
ASTM A554
Model 0108

d	L [ft]	Wt [lb]	Quantity	Part No	DG
1/2	20	5.300	5	87050	9
3/4	20	9.000	5	87055	9
1	20	11.720	5	87060	9
1 1/4	20	17.920	5	87065	9
1 1/2	20	21.280	5	87070	9
2	20	28.080	5	87075	9



Viega ProPress pipe ECO, XL
 - Stainless steel 304
Note
 All Viega ProPress pipe is copper tube size (CTS).
ASTM A554
Model 0108XL

d	L [ft]	Wt [lb]	Quantity	Part No	DG
2 1/2	20	46.120	5	87080	9
3	20	51.600	5	87085	9
4	20	68.540	5	87090	9

Elbows



Viega ProPress elbow 90°
Smart Connect feature
 - Stainless steel 304
 - Press connection
Components
 FKM sealing elements
Model 6016

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.112	10	85402	9
3/4	3/4	0.237	10	85407	9
1	1	0.314	5	85412	9
1 1/4	1 1/4	0.468	1	85417	9
1 1/2	1 1/2	0.690	1	85422	9
2	2	1.038	1	85427	9



Viega ProPress elbow 90° XL
Smart Connect feature
 - Stainless steel 304
 - Press connection
Components
 FKM sealing elements
Model 6016XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.843	1	85432	9
3	3	2.499	1	85437	9
4	4	4.166	1	85442	9



Viega ProPress elbow 45°
Smart Connect feature
 - Stainless steel 304
 - Press connection
Components
 FKM sealing elements
Model 6026

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.091	10	85447	9
3/4	3/4	0.185	10	85452	9
1	1	0.233	5	85457	9
1 1/4	1 1/4	0.298	1	85462	9
1 1/2	1 1/2	0.540	1	85467	9
2	2	0.774	1	85472	9



Viega ProPress elbow 45° XL
Smart Connect feature
 - Stainless steel 304
 - Press connection
Components
 FKM sealing elements
Model 6026XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	1.446	1	85477	9
3	3	1.913	1	85482	9
4	4	2.969	1	85487	9



Viega ProPress elbow 90° Street
Smart Connect feature
 - Stainless steel 304
 - Press connection, street
Components
 FKM sealing element
Model 6016.1

P	FTG	Wt [lb]	Quantity	Part No	DG
½	½	0.115	10	85492	9
¾	¾	0.219	10	85497	9
1	1	0.315	5	85502	9
1½	1½	0.782	1	85512	9
2	2	0.985	1	85517	9



Viega ProPress elbow 90° XL, street
 - Stainless steel 304
 - Press connection, street
Components
 FKM sealing element
Model 6016.1XL

P	FTG	Wt [lb]	Quantity	Part No	DG
2½	2½	1.688	1	85522	9
3	3	2.332	1	85527	9
4	4	3.828	1	85532	9



Viega ProPress elbow 45° Street
Smart Connect feature
 - Stainless steel 304
 - Press connection, street
Components
 FKM sealing element
Model 6026.1

P	FTG	Wt [lb]	Quantity	Part No	DG
½	½	0.087	10	85537	9
¾	¾	0.187	10	85542	9
1	1	0.235	5	85547	9
1½	1½	0.600	1	85557	9
2	2	0.925	1	85562	9



Viega ProPress elbow 45° XL, street
Smart Connect feature
 - Stainless steel 304
 - Press connection, street
Components
 FKM sealing element
Model 6026.1XL

P	FTG	Wt [lb]	Quantity	Part No	DG
2½	2½	1.340	1	85567	9
3	3	1.785	1	85572	9
4	4	2.848	1	85577	9

Tees



Viega ProPress tee
Smart Connect feature
 - Stainless steel 304
 - Press connection
Components
 FKM sealing elements
Model 6018

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
1/2	1/2	1/2	0.156	10	85582	9
3/4	3/4	1/2	0.242	10	85632	9
3/4	3/4	3/4	0.264	10	85587	9
1	1	1/2	0.316	5	85642	9
1	1	3/4	0.340	5	85652	9
1	1	1	0.364	5	85592	9
1 1/4	1 1/4	1/2	0.359	1	85662	9
1 1/4	1 1/4	3/4	0.403	1	85672	9
1 1/4	1 1/4	1	0.445	1	85682	9
1 1/4	1 1/4	1 1/4	0.452	1	85597	9
1 1/2	1 1/2	1/2	0.641	1	85692	9
1 1/2	1 1/2	3/4	0.655	1	85702	9
1 1/2	1 1/2	1	0.683	1	85712	9
1 1/2	1 1/2	1 1/2	0.765	1	85598	9
2	2	1/2	0.753	1	85722	9
2	2	3/4	0.976	1	85732	9
2	2	1	0.824	1	85742	9
2	2	1 1/2	1.095	1	85752	9
2	2	2	1.181	1	85607	9



Viega ProPress tee
XL
Smart Connect feature
 - Stainless steel 304
 - Press connection
Components
 FKM sealing elements
Model 6018XL

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
2 1/2	2	1 1/2	1.534	1	85955	9
2 1/2	2	2	1.706	1	85954	9
2 1/2	2 1/2	1 1/2	1.578	1	85934	9
2 1/2	2 1/2	2	1.735	1	85904	9
2 1/2	2 1/2	2 1/2	2.061	1	85612	9
3	3	1 1/4	1.827	1	85944	9
3	3	1 1/2	1.951	1	85935	9
3	3	2	2.109	1	85905	9
3	3	2 1/2	2.468	1	85914	9
3	3	3	2.691	1	85617	9
4	4	1 1/2	2.821	1	85945	9
4	4	2	3.011	1	85915	9
4	4	2 1/2	3.421	1	85924	9
4	4	3	3.681	1	85925	9
4	4	4	4.201	1	85622	9



Viega ProPress tee
Reducing
 - Stainless steel 304
 - Press connection, female pipe thread
Components
 FKM sealing elements
Model 6017.2

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
3/4	3/4	1/2	0.281	5	85822	9
3/4	3/4	3/4	0.323	5	85832	9
1	1	1/2	0.337	5	85842	9
1	1	3/4	0.379	5	85852	9
1 1/4	1 1/4	1/2	0.399	1	85862	9
1 1/4	1 1/4	3/4	0.455	1	85872	9
1 1/4	1 1/4	1	0.628	1	85882	9
1 1/2	1 1/2	1/2	0.666	1	85892	9
1 1/2	1 1/2	3/4	0.754	1	85902	9
1 1/2	1 1/2	1	0.884	1	85912	9
2	2	1/2	0.785	1	85922	9
2	2	3/4	0.822	1	85932	9
2	2	1	1.036	1	85942	9



Viega ProPress tee
XL, reducing
Smart Connect feature
 - Stainless steel 304
 - Press connection, female pipe thread
Components
 FKM sealing elements
Model 6017.2XL

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3/4	1.393	1	85952	9
2 1/2	2 1/2	1	1.585	1	85962	9
3	3	3/4	1.750	1	85972	9
3	3	1	1.931	1	85982	9
4	4	3/4	2.557	1	85992	9
4	4	1	2.724	1	86002	9

Adapters



Viega ProPress adapter
Smart Connect feature
 - Stainless steel 304
 - Press connection, male pipe thread
Components
 FKM sealing element
Model 6011

P	MPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.133	10	85012	9
1/2	3/4	0.171	10	85017	9
3/4	1/2	0.152	10	85022	9
3/4	3/4	0.197	10	85027	9
3/4	1	0.434	5	85032	9
1	1	0.311	5	85042	9
1	3/4	0.203	5	85037	9
1 1/4	1 1/4	0.584	1	85047	9
1 1/2	1 1/2	0.685	1	85052	9
2	2	1.047	1	85054	9



Viega ProPress adapter XL
Smart Connect feature
 - Stainless steel 304
 - Press connection, male pipe thread
Components
 FKM sealing element
Model 6011XL

P	MPT	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	2.034	1	85062	9
3	3	2.843	1	85067	9
4	4	3.967	1	85072	9



Viega ProPress adapter
Smart Connect feature
 - Stainless steel 304
 - Press connection, female pipe thread
Components
 FKM sealing element
Model 6012

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.121	10	85082	9
3/4	1/2	0.156	10	85087	9
3/4	3/4	0.198	10	85096	9
1	1/2	0.261	5	85094	9
1	3/4	0.208	5	85097	9
1	1	0.386	5	85128	9
1 1/4	1 1/4	0.417	1	85107	9
1 1/2	1 1/2	0.641	1	85117	9
2	1	1.047	1	85077	9
2	1 1/2	0.719	1	85122	9
2	2	0.807	1	85127	9



Viega ProPress adapter
 - Stainless steel 304
 - Butt weld - iron pipe size, street
Model 0113.3

BW (IPS)	FTG	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.115	10	86003	9
3/4	3/4		1	86008	9
1	1		5	86013	9
1 1/2	1 1/2		1	86023	9
2	2		1	86028	9



Viega ProPress adapter XL
 - Stainless steel 304
 - Butt weld - iron pipe size, street
Model 0113.1XL

BW (IPS)	FTG	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.031	1	85135	9
3	3	1.300	1	85145	9
4	4	1.887	1	85155	9

Flanges



New

Viega ProPress adapter flange
Smart Connect feature
 - Stainless steel 304
 - Press connection
Components
 FKM sealing element
Model 6059

P	BP	Wt [lb]	Quantity	Part No	DG
1/2	4	1.036	1	86082 ¹⁾	9
3/4	4	1.555	1	86087 ¹⁾	9
1	4	2.050	1	86092 ¹⁾	9
1 1/4	4	2.534	1	86097 ¹⁾	9
1 1/2	4	3.351	1	86102 ¹⁾	9
2	4	5.120	1	86107 ¹⁾	9

BP = bolt pattern
¹⁾ Available soon!



Viega ProPress flange XL
Smart Connect feature
 - Stainless steel 304
 - Press connection
Components
 FKM sealing element
Model 6059XL

P	BP	Wt [lb]	Quantity	Part No	DG
2½	4	8.541	1	86067	9
3	4	7.251	1	86072	9
4	8	11.020	1	86077	9

BP = bolt pattern

Caps



Viega ProPress cap
Smart Connect feature
 - Stainless steel 304
 - Press connection
Components
 FKM sealing element
Model 6056

P	Wt [lb]	Quantity	Part No	DG
½	0.038	10	85357	9
¾	0.079	10	85362	9
1	0.105	5	86367	9
1¼	0.161	1	86372	9
1½	0.258	1	86377	9
2	0.356	1	86382	9



Viega ProPress cap XL
Smart Connect feature
 - Stainless steel 304
 - Press connection
Components
 FKM sealing element
Model 6056.1XL

P	Wt [lb]	Quantity	Part No	DG
2½	0.787	1	85387	9
3	1.007	1	85392	9
4	1.627	1	85397	9

Unions



Viega ProPress union
Smart Connect feature
 - Stainless steel 304
 - Press connection
 - Ground joint
Components
 FKM sealing elements
Model 6060

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.312	5	86007	9
¾	¾	0.475	5	86012	9
1	1	0.791	5	86017	9
1¼	1¼	1.047	1	86022	9
1½	1½	1.957	1	86027	9
2	2	3.045	1	86032	9

Couplings



Viega ProPress coupling Stop
Smart Connect feature
 - Stainless steel 304
 - Press connection
Components
 FKM sealing elements
Model 6015

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.076	10	85267	9
¾	¾	0.132	10	85272	9
1	1	0.164	5	85277	9
1¼	1¼	0.241	1	85282	9
1½	1½	0.420	1	85287	9
2	2	0.613	1	85292	9



Viega ProPress coupling XL, stop
Smart Connect feature
 - Stainless steel 304
 - Press connection
Components
 FKM sealing elements
Model 6015XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	1.095	1	85297	9
3	3	1.396	1	85302	9
4	4	2.136	1	85307	9

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Viega ProPress coupling
No stop
Smart Connect feature
 - Stainless steel 304
 - Press connection
Components
 FKM sealing elements
Model 6015.5

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.076	10	85312	9
3/4	3/4	0.130	10	85317	9
1	1	0.166	5	85322	9
1 1/4	1 1/4	0.242	1	85327	9
1 1/2	1 1/2	0.390	1	85332	9
2	2	0.606	1	85337	9



Viega ProPress coupling
XL, no stop
Smart Connect feature
 - Stainless steel 304
 - Press connection
Components
 FKM sealing elements
Model 6015.5XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.087	1	85342	9
3	3	1.411	1	85347	9
4	4	2.160	1	85352	9

Reducers



Viega ProPress reducer
Smart Connect feature
 - Stainless steel 304
 - Street, press connection
Components
 FKM sealing element
Model 6015.1

FTG	P	Wt [lb]	Quantity	Part No	DG
3/4	1/2	0.094	10	85162	9
1	1/2	0.121	10	85167	9
1	3/4	0.139	10	85172	9
1 1/4	1/2	0.165	1	85173	9
1 1/4	3/4	0.192	1	85182	9
1 1/4	1	0.216	1	85187	9
1 1/2	1/2	0.278	1	85192	9
1 1/2	3/4	0.295	1	85197	9
1 1/2	1	0.273	1	85202	9
2	1/2	0.361	1	85212	9
2	3/4	0.410	1	85217	9
2	1	0.419	1	85222	9
2	1 1/2	0.476	1	85232	9



Viega ProPress reducer
XL
Smart Connect feature
 - Stainless steel 304
 - Street, press connection
Components
 FKM sealing element
Model 6015.1XL

FTG	P	Wt [lb]	Quantity	Part No	DG
2 1/2	2	0.765	1	85237	9
3	2	0.970	1	85242	9
3	2 1/2	1.153	1	85247	9
4	2	1.448	1	85252	9
4	2 1/2	1.607	1	85257	9
4	3	1.673	1	85262	9

Valves



Viega ProPress ball valve
3 - pc
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection
Components
 FKM sealing elements
Model 4370.8

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	1.591	1	85132	9
3/4	3/4	1.957	1	85133	9
1	1	2.815	1	85134	9
1 1/4	1 1/4	3.714	1	85136	9
1 1/2	1 1/2	5.298	1	85137	9
2	2	7.780	1	85138	9

Sealing Elements and Gaskets



Viega ProPress sealing element
 - FKM
Model 2986

d	Version	Wt [lb]	Quantity	Part No	DG
1/2	dull black	0.002	5	17768	8
3/4	dull black	0.004	5	17778	8
1	dull black	0.005	5	17788	8
1 1/4	dull black	0.007	5	17803	8
1 1/2	dull black	0.010	5	17818	8
2	dull black	0.012	5	17823	8

Accessories



Viega ProPress bolt set

- For adapter flange
- Galvanized steel

Components

Bolt, nut, washer

Model 2959.7

L [in]	W [in]	Bolts	Flange	Wt [lb]	Quantity	Part No	DG
2 ³ / ₈	5 ⁵ / ₈	4	1/2, 3/4, 1, 1 1/4, 1 1/2	0.871	1	19748 ¹	8
2 ³ / ₄	5 ⁵ / ₈	4	2, 2 1/2, 3	1.572	1	19758 ²	8
2 ³ / ₄	5 ⁵ / ₈	8	4	3.141	1	19763 ³	8

¹) Suitable for Viega ProPress adapter flange Part No 79680, 79685, 79690, 81035, 81040, 81045, 81050, 81055, 86082, 86087, 86092, 86097, 86102

²) Suitable for Viega ProPress adapter flange XL Part No 20853, 20858, Viega ProPress adapter flange Part No 79695, 81060, Viega ProPress adapter flange XL Part No 81065, 81070, Viega ProPress flange XL Part No 86067, 86072, Viega ProPress adapter flange Part No 86107

³) Suitable for Viega ProPress adapter flange XL Part No 20863, 81075, Viega ProPress flange XL Part No 86077