

ProPress (316 EPDM)



1.4

ProPress (316 EPDM)

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 A403: Standard Specification for Wrought Austenitic Stainless Steel Piping
- ASTM A554: Standard Specification for Welded Stainless Steel Mechanical Tubing
- IAPMO: Uniform Plumbing Code
- NSF/ANSI 372: Drinking Water System Components - Lead Content

LISTINGS AND CERTIFICATIONS

- ABS: America Bureau of Shipping
- CRN 13492.5: Canadian Registration Number
- CSA B125.3: Plumbing Fittings (valves)
- IAPMO PS117
- NSF/ANSI 61: Drinking Water System Components - Health Effects

ZERO LEAD

References to Zero Lead throughout this publication means product meeting the requirements of NSF 61-G through testing under NSF/ANSI Standard 372 (0.25% or less percent maximum weighted average lead content).

NOTE

A Green Dot on a Viega ProPress (316 EPDM) fitting indicates the Smart Connect feature with an EPDM sealing element.

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Pipes



**ViEGA ProPress pipe
Zero Lead**
- Stainless steel 316
Note
All ViEGA ProPress pipe is copper tube size (CTS).
ASTM A312
Model 4003

d	L [ft]	Wt [lb]	Quantity	Part No	DG
1/2	20	7.480	5	82000	9
3/4	20	10.800	5	82005	9
1	20	14.120	5	82010	9
1 1/4	20	17.460	5	82015	9
1 1/2	20	20.740	5	82020	9
2	20	27.380	5	82025	9



**ViEGA ProPress pipe
XL
Zero Lead**
- Stainless steel 316
Note
All ViEGA ProPress pipe is copper tube size (CTS).
ASTM A312
Model 4007XL

d	L [ft]	Wt [lb]	Quantity	Part No	DG
2 1/2	20	43.580	5	82042	9
3	20	52.120	5	82050	9
4	20	69.240	5	82055	9

Elbows



**ViEGA ProPress elbow 90°
Smart Connect feature, Zero Lead**
- Stainless steel 316
- Press connection
Components
EPDM sealing elements
Model 4016

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.107	10	80400	9
3/4	3/4	0.241	10	80405	9
1	1	0.313	5	80410	9
1 1/4	1 1/4	0.390	1	80415	9
1 1/2	1 1/2	0.795	1	80420	9
2	2	0.977	1	80425	9



**ViEGA ProPress elbow 90°
XL
Smart Connect feature, Zero Lead**
- Stainless steel 316
- Press connection
Components
EPDM sealing elements
Model 4016XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.847	1	80430	9
3	3	2.535	1	80435	9
4	4	4.099	1	80440	9



**ViEGA ProPress elbow 90°
Street
Smart Connect feature, Zero Lead**
- Stainless steel 316
- Press connection, street
Components
EPDM sealing element
Model 4016.1

P	FTG	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.104	10	80490	9
3/4	3/4	0.240	10	80495	9
1	1	0.317	5	80500	9
1 1/4	1 1/4	0.485	1	80505	9
1 1/2	1 1/2	0.630	1	80510	9
2	2	1.278	1	80515	9



**ViEGA ProPress elbow 90°
XL, street
Smart Connect feature, Zero Lead**
- Stainless steel 316
- Press connection, street
Components
EPDM sealing element
Model 4016.1XL

P	FTG	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.732	1	80520	9
3	3	2.383	1	80525	9
4	4	3.974	1	80530	9



**ViEGA ProPress elbow 45°
Smart Connect feature, Zero Lead**
- Stainless steel 316
- Press connection
Components
EPDM sealing elements
Model 4026

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.091	10	80445	9
3/4	3/4	0.190	10	80450	9
1	1	0.234	5	80455	9
1 1/4	1 1/4	0.353	1	80460	9
1 1/2	1 1/2	0.527	1	80465	9
2	2	0.727	1	80470	9



Viega ProPress elbow 45° XL
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection
Components
 EPDM sealing elements
Model 4026XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	1.428	1	80475	9
3	3	1.917	1	80480	9
4	4	3.090	1	80485	9



Viega ProPress elbow 45° Street
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection, street
Components
 EPDM sealing element
Model 4026.1

P	FTG	Wt [lb]	Quantity	Part No	DG
½	½	0.085	10	80535	9
¾	¾	0.185	10	80540	9
1	1	0.237	5	80545	9
1¼	1¼	0.353	1	80550	9
1½	1½	0.478	1	80555	9
2	2	0.926	1	80560	9



Viega ProPress elbow 45° XL, street
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection, street
Components
 EPDM sealing element
Model 4026.1XL

P	FTG	Wt [lb]	Quantity	Part No	DG
2½	2½	1.333	1	80565	9
3	3	1.816	1	80570	9
4	4	2.837	1	80575	9

Tees



Viega ProPress tee
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection
Components
 EPDM sealing elements
Model 4018

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
½	½	½	0.143	10	80580	9
¾	¾	½	0.241	10	80630	9
¾	¾	¾	0.275	10	80585	9
1	1	½	0.305	5	80640	9
1	1	¾	0.340	5	80650	9
1	1	1	0.354	5	80590	9
1¼	1¼	½	0.351	1	80660	9
1¼	1¼	¾	0.395	1	80670	9
1¼	1¼	1	0.483	1	80680	9
1¼	1¼	1¼	0.441	1	80595	9
1½	1½	½	0.687	1	80690	9
1½	1½	¾	0.705	1	80700	9
1½	1½	1	0.721	1	80710	9
1½	1½	1½	0.822	1	80600	9
2	2	½	0.957	1	80720	9
2	2	¾	0.985	1	80730	9
2	2	1	0.785	1	80740	9
2	2	1½	1.095	1	80750	9
2	2	2	1.124	1	80605	9



Viega ProPress tee XL
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection
Components
 EPDM sealing elements
Model 4018XL

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
2½	2	1½	1.554	1	80753	9
2½	2	2	1.737	1	80752	9
2½	2½	1½	1.573	1	80751	9
2½	2½	2	1.739	1	80760	9
2½	2½	2½	2.056	1	80610	9
3	3	1¼	1.836	1	80782	9
3	3	1½	1.955	1	80781	9
3	3	2	2.151	1	80770	9
3	3	2½	2.471	1	80780	9
3	3	3	2.722	1	80615	9
4	4	1½	2.733	1	80791	9
4	4	2	3.019	1	80790	9
4	4	2½	3.366	1	80800	9
4	4	3	3.659	1	80810	9
4	4	4	4.212	1	80620	9



Viega ProPress tee Reducing
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection, female pipe thread
Components
 EPDM sealing elements
Model 4017.2

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
3/4	3/4	1/2	0.287	5	80820	9
3/4	3/4	3/4	0.342	5	80830	9
1	1	1/2	0.351	5	80840	9
1	1	3/4	0.392	5	80850	9
1 1/4	1 1/4	1/2	0.384	1	80860	9
1 1/4	1 1/4	3/4	0.451	1	80870	9
1 1/4	1 1/4	1	0.564	1	80880	9
1 1/2	1 1/2	1/2	0.708	1	80890	9
1 1/2	1 1/2	3/4	0.757	1	80900	9
1 1/2	1 1/2	1	0.840	1	80910	9
2	2	1/2	0.996	1	80920	9
2	2	3/4	1.042	1	80930	9
2	2	1	1.126	1	80940	9



Viega ProPress tee XL, reducing
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection, female pipe thread
Components
 EPDM sealing elements
Model 4017.2XL

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3/4	1.408	1	80950	9
2 1/2	2 1/2	1	1.494	1	80960	9
3	3	3/4	1.803	1	80970	9
3	3	1	1.873	1	80980	9
4	4	3/4	2.552	1	80990	9
4	4	1	2.667	1	81000	9



Viega ProPress cross-piece XL
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection, female pipe thread
Components
 EPDM sealing elements
Model 4044.2XL

P1	P2	FPT1	FPT2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3/4	3/4	1.479	1	80067	9
3	3	3/4	3/4	1.852	1	80069	9
4	4	3/4	3/4	2.656	1	80068	9

Adapters



Viega ProPress adapter
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection, male pipe thread
Components
 EPDM sealing element
Model 4011

P	MPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.133	10	80010	9
1/2	3/4	0.170	10	80015	9
3/4	1/2	0.152	10	80020	9
3/4	3/4	0.198	10	80025	9
3/4	1	0.441	5	80030	9
1	3/4	0.200	5	80035	9
1	1	0.317	5	80040	9
1 1/4	1 1/4	0.588	1	80045	9
1 1/2	1 1/2	0.723	1	80050	9
2	2	1.054	1	80055	9



Viega ProPress adapter XL
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection, male pipe thread
Components
 EPDM sealing element
Model 4011XL

P	MPT	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	2.050	1	80060	9
3	3	2.859	1	80065	9
4	4	3.967	1	80070	9



Viega ProPress adapter
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection, female pipe thread
Components
 EPDM sealing element
Model 4012

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.119	10	80080	9
3/4	1/2	0.155	10	80085	9
3/4	3/4	0.198	10	80090	9
1	1/2	0.247	5	80092	9
1	3/4	0.207	5	80095	9
1	1	0.307	5	80100	9
1 1/4	1 1/4	0.419	1	80105	9
1 1/2	1 1/4	0.507	1	80110	9
1 1/2	1 1/2	0.688	1	80115	9
2	1	1.047	1	80075	9
2	1 1/2	0.758	1	80120	9
2	2	0.802	1	80125	9



Viega ProPress instrumentation adapter
Zero Lead
 - Stainless steel 316
 - Female pipe thread, street
Model 4012.5

FPT	FTG	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.191	1	80126	9
3/4	3/4	0.317	1	80127	9



Viega ProPress adapter
XL
Zero Lead
 - Stainless steel 316
 - Butt weld - iron pipe size, street
 - Transition - weld
Model 4013.1XL

BW (IPS)	FTG	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.051	1	80081	9
3	3	1.311	1	80082	9
4	4	1.940	1	80083	9



Viega ProPress adapter
XL
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Groove - iron pipe size, press connection
 - Transition - groove
Components
 EPDM sealing element
Model 4013.2XL

G (IPS)	P	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.521	1	80064	9
3	3	1.913	1	80061	9
4	4	2.680	1	80063	9

Flanges



Viega ProPress adapter flange
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection
Components
 EPDM sealing element
Model 4059

P	BP	Wt [lb]	Quantity	Part No	DG
1/2	4	1.086	1	81035	9
3/4	4	1.555	1	81040	9
1	4	2.051	1	81045	9
1 1/4	4	2.535	1	81050	9
1 1/2	4	2.491	1	81055	9
2	4	4.329	1	81060	9

BP = bolt pattern



Viega ProPress adapter flange
XL
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection
Components
 EPDM sealing element
Model 4059XL

P	BP	Wt [lb]	Quantity	Part No	DG
2 1/2	4	9.014	1	81065	9
3	4	10.024	1	81070	9
4	8	11.174	1	81075	9

BP = bolt pattern

1.4

Caps



Viega ProPress cap
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection
Components
 EPDM sealing element
Model 4056

P	Wt [lb]	Quantity	Part No	DG
1/2	0.040	10	80355	9
3/4	0.077	10	80360	9
1	0.108	5	80365	9
1 1/4	0.152	1	80370	9
1 1/2	0.258	1	80375	9
2	0.361	1	80380	9



Viega ProPress cap XL
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection
Components
 EPDM sealing element
Model 4056.1XL

P	Wt [lb]	Quantity	Part No	DG
2 1/2	0.780	1	80385	9
3	1.025	1	80390	9
4	1.527	1	80395	9

Unions



Viega ProPress union
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection
Components
 EPDM sealing elements
Model 4060

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.319	5	81005	9
3/4	3/4	0.487	5	81010	9
1	1	0.793	5	81015	9
1 1/4	1 1/4	1.014	1	81020	9
1 1/2	1 1/2	1.963	1	81025	9
2	2	3.000	1	81030	9



Viega ProPress di-electric union
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection, female pipe thread
Components
 EPDM sealing element, EPDM flat gasket
Model 4067

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.793	1	80071	9
3/4	3/4	1.159	1	80078	9
1	1	1.049	1	80073	9
1 1/4	1 1/4	1.635	1	80074	9
1 1/2	1 1/2	1.847	1	80076	9
2	2	3.196	1	80077	9

Couplings



Viega ProPress coupling Stop
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection
Components
 EPDM sealing elements
Model 4015

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.070	10	80265	9
3/4	3/4	0.131	10	80270	9
1	1	0.165	5	80275	9
1 1/4	1 1/4	0.253	1	80280	9
1 1/2	1 1/2	0.414	1	80285	9
2	2	0.573	1	80290	9



Viega ProPress coupling XL, stop
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection
Components
 EPDM sealing elements
Model 4015XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.084	1	80295	9
3	3	1.430	1	80300	9
4	4	2.122	1	80305	9



Viega ProPress coupling No stop
Smart Connect feature, Zero Lead
 - Stainless steel 316
 - Press connection
Components
 EPDM sealing elements
Model 4015.5

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.070	10	80310	9
3/4	3/4	0.133	10	80315	9
1	1	0.156	5	80320	9
1 1/4	1 1/4	0.245	1	80325	9
1 1/2	1 1/2	0.410	1	80330	9
2	2	0.580	1	80335	9



**Viega ProPress coupling
XL, no stop**
Smart Connect feature, Zero Lead
- Stainless steel 316
- Press connection
Components
EPDM sealing elements
Model 4015.5XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	1.084	1	80340	9
3	3	1.430	1	80345	9
4	4	2.136	1	80350	9

Reducers



Viega ProPress reducer
Smart Connect feature, Zero Lead
- Stainless steel 316
- Street, press connection
Components
EPDM sealing element
Model 4015.1

FTG	P	Wt [lb]	Quantity	Part No	DG
¾	½	0.086	10	80160	9
1	½	0.121	10	80165	9
1	¾	0.144	10	80170	9
1¼	½	0.193	1	80175	9
1¼	¾	0.196	1	80180	9
1¼	1	0.216	1	80185	9
1½	½	0.282	1	80190	9
1½	¾	0.299	1	80195	9
1½	1	0.273	1	80200	9
1½	1¼	0.291	1	80205	9
2	½	0.409	1	80210	9
2	¾	0.410	1	80215	9
2	1	0.434	1	80220	9
2	1¼	0.397	1	80225	9
2	1½	0.514	1	80230	9



**Viega ProPress reducer
XL**
Smart Connect feature, Zero Lead
- Stainless steel 316
- Street, press connection
Components
EPDM sealing element
Model 4015.1XL

FTG	P	Wt [lb]	Quantity	Part No	DG
2½	2	0.780	1	80235	9
3	2	0.981	1	80240	9
3	2½	1.159	1	80245	9
4	2	1.455	1	80250	9
4	2½	1.609	1	80255	9
4	3	1.719	1	80260	9

Valves



Viega ProPress ball valve
Smart Connect feature, Zero Lead
- Stainless steel 316
- Press connection
Components
EPDM sealing elements
Model 4070

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.714	1	81080	9
¾	¾	0.943	1	81085	9
1	1	1.322	1	81090	9
1¼	1¼	2.244	1	81095	9
1½	1½	3.496	1	81100	9
2	2	5.400	1	81105	9

Sealing Elements and Gaskets



Viega ProPress sealing element
- EPDM
Model 2989

d	Version	Wt [lb]	Quantity	Part No	DG
½	shiny black	0.001	10	78242	8
¾	shiny black	0.002	10	78247	8
1	shiny black	0.002	10	78252	8
1¼	shiny black	0.003	10	78257	8
1½	shiny black	0.007	10	78262	8
2	shiny black	0.006	10	78267	8



**Viega ProPress replacement gasket
Di-electric flat gasket**
- EPDM
Model 2963.9

d	Wt [lb]	Quantity	Part No	DG
½	0.004	10	15559	8
¾, 1	0.003	10	15569	8
1¼	0.005	10	15549	8
1½	0.005	10	15544	8
2	0.009	10	15564	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