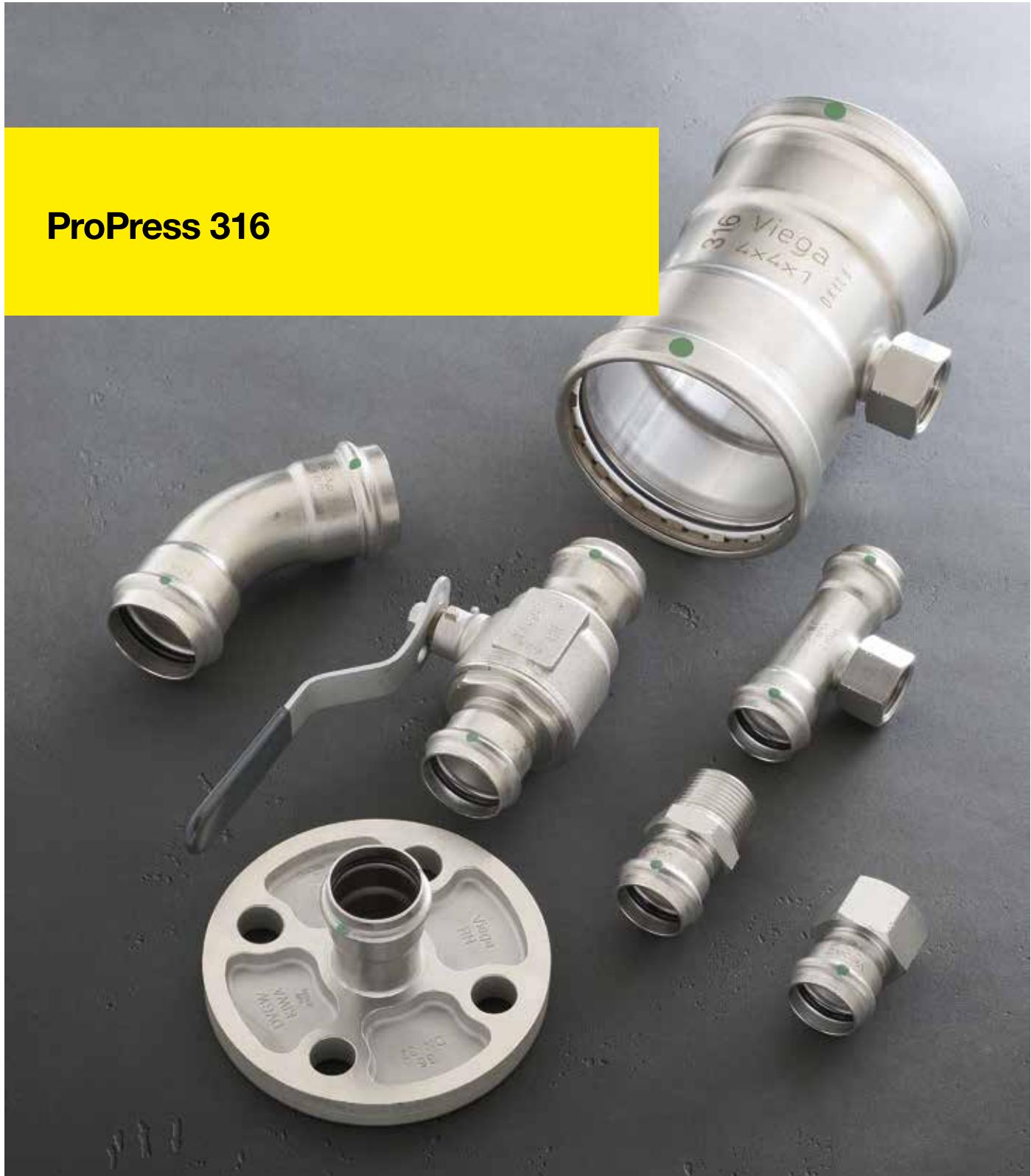


ProPress 316



1.2

viega

ProPress 316

Viega ProPress 316 is engineered for commercial and industrial environments, such as breweries and other facilities. With applications ranging from industrial gases to caustic chemicals, Viega ProPress 316 is a complete solution, with pipe, valves and fittings. Viega ProPress fittings offer Smart Connect technology to provide installers added confidence in their ability to ensure secure connections.

FEATURES AND BENEFITS

- More than 200 different engineered fitting configurations
- Available in sizes $\frac{1}{2}$ " to 4"
- Approved for more than 450 different applications

ZERO LEAD

Zero Lead identifies Viega products meeting the lead-free requirements of NSF-61-372 through testing under NSF/ANSI/CAN 372 (0.25% or less maximum weighted average lead content).

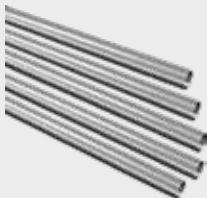
NOTE

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 green dot indicates an EPDM sealing element.

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Tubing



Viega ProPress tubing

- For use with Viega ProPress stainless fittings
- 316 stainless steel

Note

All Viega ProPress stainless tube is copper tube size (CTS).

ASTM A312

Model 4003

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



Viega ProPress tubing

- For use with Viega ProPress stainless fittings
- 316 stainless steel

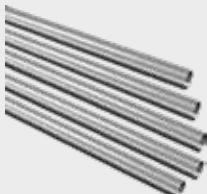
Note

All Viega ProPress stainless tube is copper tube size (CTS).

ASTM A312

Model 4007XL

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



Viega ProPress ECO tubing

- For use with Viega ProPress stainless fittings, potable water installations
- Stainless steel 316

Note

All Viega ProPress stainless tube is copper tube size (CTS).

ASTM A78

Model 4008

d	L [ft]	Wt [lb]	Quantity	Part No	DG
1/2	20	5.300	1	82150	9
3/4	20	9.000	1	82155	9
1	20	11.080	1	82160	9
1 1/4	20	17.920	1	82165	9
1 1/2	20	20.140	1	82170	9
2	20	26.580	1	82175	9



Viega ProPress ECO tubing

- For use with Viega ProPress stainless fittings, potable water installations
- Stainless steel 316

Note

All Viega ProPress stainless tube is copper tube size (CTS).

ASTM A78

Model 4008XL

d	L [ft]	Wt [lb]	Quantity	Part No	DG
2 1/2	20	43.660	1	82180	9
3	20	52.240	1	82185	9
4	20	69.380	1	82190	9

Elbows



Viega ProPress 90° elbow Smart Connect Technology

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection

Components

EPDM sealing elements

Model 4016

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.127	10	80400	9
3/4	3/4	0.238	10	80405	9
1	1	0.304	5	80410	9
1 1/4	1 1/4	0.365	1	80415	9
1 1/2	1 1/2	0.674	1	80420	9
2	2	1.001	1	80425	9



Viega ProPress 90° elbow Smart Connect Technology

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection

Components

EPDM sealing elements

Note

Must be installed with Viega ProPress XL-C rings and V2 actuator.

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 90° street elbow
Smart Connect Technology

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection, street

Components

EPDM sealing element

Model 4016.1

P	FTG (CTS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.104	10	80490	9
3/4	3/4	0.222	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	0.648	1	80510	9
2	2	0.950	1	80515	9



Viega ProPress 90° street elbow
Smart Connect Technology

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection, street

Components

EPDM sealing element

Note

Must be installed with Viega ProPress XL-C rings and V2 actuator.

Model 4016.1XL

P	FTG (CTS)	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 45° elbow
Smart Connect Technology

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection

Components

EPDM sealing elements

Model 4026

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.101	10	80445	9
3/4	3/4	0.178	10	80450	9
1	1	0.234	5	80455	9
1 1/4	1 1/4	0.305	1	80460	9
1 1/2	1 1/2	0.527	1	80465	9
2	2	0.738	1	80470	9



Viega ProPress 45° elbow
Smart Connect Technology

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection

Components

EPDM sealing elements

Note

Must be installed with Viega ProPress XL-C rings and V2 actuator.

Model 4026XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.428	1	80475	9
3	3	1.917	1	80480	9
4	4	3.090	1	80485	9



Viega ProPress 45° street elbow
Smart Connect Technology

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection, street

Components

EPDM sealing element

Model 4026.1

P	FTG (CTS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.092	10	80535	9
3/4	3/4	0.174	10	80540	9
1	1	0.237	5	80545	9
1 1/4	1 1/4	0.353	1	80550	9
1 1/2	1 1/2	0.478	1	80555	9
2	2	0.714	1	80560	9



Viega ProPress 45° street elbow
Smart Connect Technology

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection, street

Components

EPDM sealing element

Note

Must be installed with Viega ProPress XL-C rings and V2 actuator.

Model 4026.1XL

P	FTG (CTS)	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	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 Technology**

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection
- Components
- EPDM sealing elements

Model 4018

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
1/2	1/2	1/2	0.158	10	80580	9
3/4	3/4	1/2	0.231	10	80630	9
3/4	3/4	3/4	0.262	10	80585	9
1	1	1/2	0.302	5	80640	9
1	1	3/4	0.329	5	80650	9
1	1	1	0.351	5	80590	9
1 1/4	1 1/4	3/4	0.395	1	80670*	9
1 1/4	1 1/4	1	0.483	1	80680	9
1 1/4	1 1/4	1 1/4	0.465	1	80595	9
1 1/2	1 1/2	1/2	0.687	1	80690	9
1 1/2	1 1/2	3/4	0.705	1	80700	9
1 1/2	1 1/2	1	0.692	1	80710	9
1 1/2	1 1/2	1 1/2	0.822	1	80600	9
2	2	1/2	0.685	1	80720	9
2	2	3/4	0.765	1	80730	9
2	2	1	0.776	1	80740	9
2	2	1 1/2	0.948	1	80750	9
2	2	2	1.124	1	80605	9

* = Available while supplies last

**Viega ProPress tee
Smart Connect Technology**

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection
- Components
- EPDM sealing elements

Note

Must be installed with Viega ProPress XL-C rings and V2 actuator.

Model 4018XL

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1 1/2	1.573	1	80751	9
2 1/2	2 1/2	2	1.739	1	80760	9
2 1/2	2 1/2	2 1/2	2.056	1	80610	9
3	3	1 1/4	1.836	1	80782	9
3	3	1 1/2	1.955	1	80781	9
3	3	2	2.151	1	80770	9
3	3	2 1/2	2.471	1	80780	9
3	3	3	2.722	1	80615	9
4	4	2	3.019	1	80790	9
4	4	3	3.659	1	80810*	9
4	4	4	4.212	1	80620	9

* = Available while supplies last

**Viega ProPress reducing tee
Smart Connect Technology**

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- 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	0.335	5	80840	9
1	1	3/4	0.392	5	80850	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
2	2	1/2	0.995	1	80920*	9
2	2	3/4	0.782	1	80930	9

* = Available while supplies last

**Viega ProPress reducing tee
Smart Connect Technology**

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection, female pipe thread

Components

EPDM sealing elements

Note

Must be installed with Viega ProPress XL-C rings and V2 actuator.

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
3	3	3/4	1.803	1	80970	9
4	4	3/4	2.552	1	80990*	9

* = Available while supplies last

Adapters**Viega ProPress adapter
Smart Connect Technology**

- For use with Viega ProPress stainless tubing
 - 316 stainless steel
 - Press connection, male pipe thread
- Components

EPDM sealing element

Model 4011

P	MPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.117	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	0.180	10	80025	9
3/4	1	0.441	5	80030	9
1	3/4	0.200	5	80035	9
1	1	0.309	5	80040	9
1 1/4	1 1/4	0.595	1	80045	9
1 1/2	1 1/2	0.723	1	80050	9
2	2	0.981	1	80055	9

**Viega ProPress adapter
Smart Connect Technology**

- For use with Viega ProPress stainless tubing
 - 316 stainless steel
 - Press connection, male pipe thread
- Components

EPDM sealing element

Note

Must be installed with Viega ProPress XL-C rings and V2 actuator.

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 Technology**

- For use with Viega ProPress stainless tubing
 - 316 stainless steel
 - Press connection, female pipe thread
- Components

EPDM sealing element

Model 4012

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.110	10	80080	9
3/4	1/2	0.155	10	80085	9
3/4	3/4	0.197	10	80090	9
1	1/2	0.247	5	80092	9
1	3/4	0.207	5	80095*	9
1	1	0.240	5	80100	9
1 1/4	1 1/4	0.419	1	80105	9
1 1/2	1 1/2	0.688	1	80115	9
2	1	1.047	1	80075*	9
2	1 1/2	0.720	1	80120	9
2	2	0.690	1	80125	9

* = Available while supplies last

**Viega ProPress instrumentation adapter**

- For use with Viega ProPress stainless fittings
- 316 stainless steel
- Street, female pipe thread

Model 4012.5

FTG (CTS)	FPT	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**

- For transitioning between IPS and CTS systems
- 316 stainless steel
- Butt weld - iron pipe size, street

Model 4013.1XL

FTG (IPS)	FTG (CTS)	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.051	1	80081*	9

* = Available while supplies last

**Viega ProPress adapter
Smart Connect Technology**

- For transitioning between IPS and CTS systems
 - 316 stainless steel
 - Groove = iron pipe size
- Components

EPDM sealing element

Note

Must be installed with Viega ProPress XL-C rings and V2 actuator.

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 Technology

- For use with Viega ProPress stainless tubing
 - 316 stainless steel
 - Press connection
- Components
- EPDM sealing element
- Model 4059**

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
1/2	4	2 3/8	1.086	1	81035	9
3/4	4	2 3/4	1.555	1	81040	9
1	4	3 1/8	2.344	1	81045	9
1 1/4	4	3 7/8	2.535	1	81050	9
1 1/2	4	3 1/2	2.479	1	81055	9
2	4	4 3/8	5.563	1	81060	9

BP = bolt pattern
BPd = bolt pattern diameter



Viega ProPress adapter flange Smart Connect Technology

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection

- Components
- EPDM sealing element

Note

Must be installed with Viega ProPress XL-C rings and V2 actuator.

Model 4059XL

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
2 1/2	4	5 1/2	8.880	1	81065	9
3	4	6	10.425	1	81070	9
4	8	7 1/2	14.150	1	81075	9

BP = bolt pattern
BPd = bolt pattern diameter

Caps



Viega ProPress cap Smart Connect Technology

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- 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	0.344	1	80380	9



Viega ProPress cap Smart Connect Technology

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection

- Components
- EPDM sealing element

Note

Must be installed with Viega ProPress XL-C rings and V2 actuator.

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 Technology

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection
- Ground joint

- 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	1.913	1	81025	9
2	2	3.000	1	81030	9

Couplings**Viega ProPress coupling****With stop****Smart Connect Technology**

- For use with Viega ProPress stainless tubing
 - 316 stainless steel
 - Press connection
- Components**

EPDM sealing elements

Model 4015

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.081	10	80265	9
3/4	3/4	0.130	10	80270	9
1	1	0.158	5	80275	9
1 1/4	1 1/4	0.220	1	80280	9
1 1/2	1 1/2	0.405	1	80285	9
2	2	0.564	1	80290	9

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

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection

Components

EPDM sealing elements

Note

Must be installed with Viega ProPress XL-C rings and V2 actuator.

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 Technology**

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- 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	0.165	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	0.536	1	80335	9

**Viega ProPress coupling****No stop****Smart Connect Technology**

- For use with Viega ProPress stainless tubing
- 316 stainless steel
- Press connection

Components

EPDM sealing elements

Note

Must be installed with Viega ProPress XL-C rings and V2 actuator.

Model 4015.5XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.084	1	80340	9
3	3	1.430	1	80345	9
4	4	2.136	1	80350	9

**Viega MegaPress transition coupling****Smart Connect Technology**

- For transitioning between IPS and CTS systems, use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

EPDM sealing elements, grip ring, separator ring

Model 5113

P (IPS)	P (CTS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.214	1	90465	14
3/4	3/4	0.280	1	90470	14
1	1	0.425	1	90475	14
1 1/4	1 1/4	0.626	1	90890	14
1 1/2	1 1/2	0.804	1	90485	14
2	2	1.031	1	90490	14

Reducers



Viega ProPress reducer Smart Connect Technology

- For use with Viega ProPress stainless tubing
 - 316 stainless steel
 - Street, press connection
- Components
- EPDM sealing element
- Model 4015.1**

FTG (CTS)	P	Wt [lb]	Quantity	Part No	DG
3/4	1/2	0.094	10	80160	9
1	1/2	0.123	10	80165	9
1	3/4	0.133	10	80170	9
1 1/4	3/4	0.196	1	80180	9
1 1/4	1	0.216	1	80185	9
1 1/2	3/4	0.299	1	80195	9
1 1/2	1	0.295	1	80200	9
1 1/2	1 1/4	0.300	1	80205	9
2	3/4	0.435	1	80215	9
2	1	0.386	1	80220	9
2	1 1/4	0.397	1	80225	9
2	1 1/2	0.485	1	80230	9



Viega ProPress reducer Smart Connect Technology

- For use with Viega ProPress stainless tubing
 - 316 stainless steel
 - Street, press connection
- Components
- EPDM sealing element

Note

Must be installed with Viega ProPress XL-C rings and V2 actuator.

Model 4015.1XL

FTG (CTS)	P	Wt [lb]	Quantity	Part No	DG
2 1/2	2	0.780	1	80235	9
3	2	0.981	1	80240	9
3	2 1/2	1.159	1	80245	9
4	2	1.455	1	80250	9
4	3	1.719	1	80260	9

Sealing Elements and Gaskets



Viega ProPress sealing element EPDM

- For Viega ProPress CTS size fitting
- Model 2989**

d	Version	Wt [lb]	Quantity	Part No	DG
1/2	shiny black	0.001	10	78242	8
3/4	shiny black	0.002	10	78247	8
1	shiny black	0.002	10	78252	8
1 1/4	shiny black	0.003	10	78257	8
1 1/2	shiny black	0.005	10	78262	8
2	shiny black	0.006	10	78267	8



Viega ProPress sealing element EPDM

- For Viega ProPress CTS XL size fitting
 - EPDM
- Model 2989XL**

d	Version	Wt [lb]	Quantity	Part No	DG
2 1/2	shiny black	0.012	5	78268	8
3	shiny black	0.014	1	78269	8
4	shiny black	0.017	1	78270	8



Viega ProPress sealing element FKM

- For Viega ProPress CTS size fitting
 - FKM
- Model 2986**

d	Version	Wt [lb]	Quantity	Part No	DG
1/2	dull black	0.003	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	0.006	5	17803	8
1 1/2	dull black	0.010	5	17818	8
2	dull black	0.013	5	17823	8



Viega ProPress sealing element FKM

- For Viega ProPress CTS size fitting
- Model 0186XL**

d	Version	Wt [lb]	Quantity	Part No	DG
2 1/2	dull black	0.017	5	85995	9
3	dull black	0.021	5	85996	9
4	dull black	0.027	5	85997	9

**Viega ProPress sealing element****HNBR**

- For Viega ProPress CTS size fitting
- HNBR

Note

HNBR sealing elements may NOT be installed in ProPress systems that require ANSI/CSA LC-4 approval for natural gas or propane gas applications.

Model 0687

d	Wt [lb]	Quantity	Part No	DG
1/2	0.002	10	21023	8
3/4	0.001	10	21028	8
1	0.004	10	21033	8
1 1/4	0.005	10	21038	8
1 1/2	0.006	10	21043	8
2	0.009	10	21048	8

**Viega ProPress flat gasket****EPDM**

- For Viega ProPress di-electric unions
- Bronze

Model 2963.9

d	Wt [lb]	Quantity	Part No	DG
1/2	0.004	10	15559	8
3/4, 1	0.003	10	15569	8
1 1/4	0.005	10	15549	8
1 1/2	0.005	10	15544	8
2	0.009	10	15564	8

