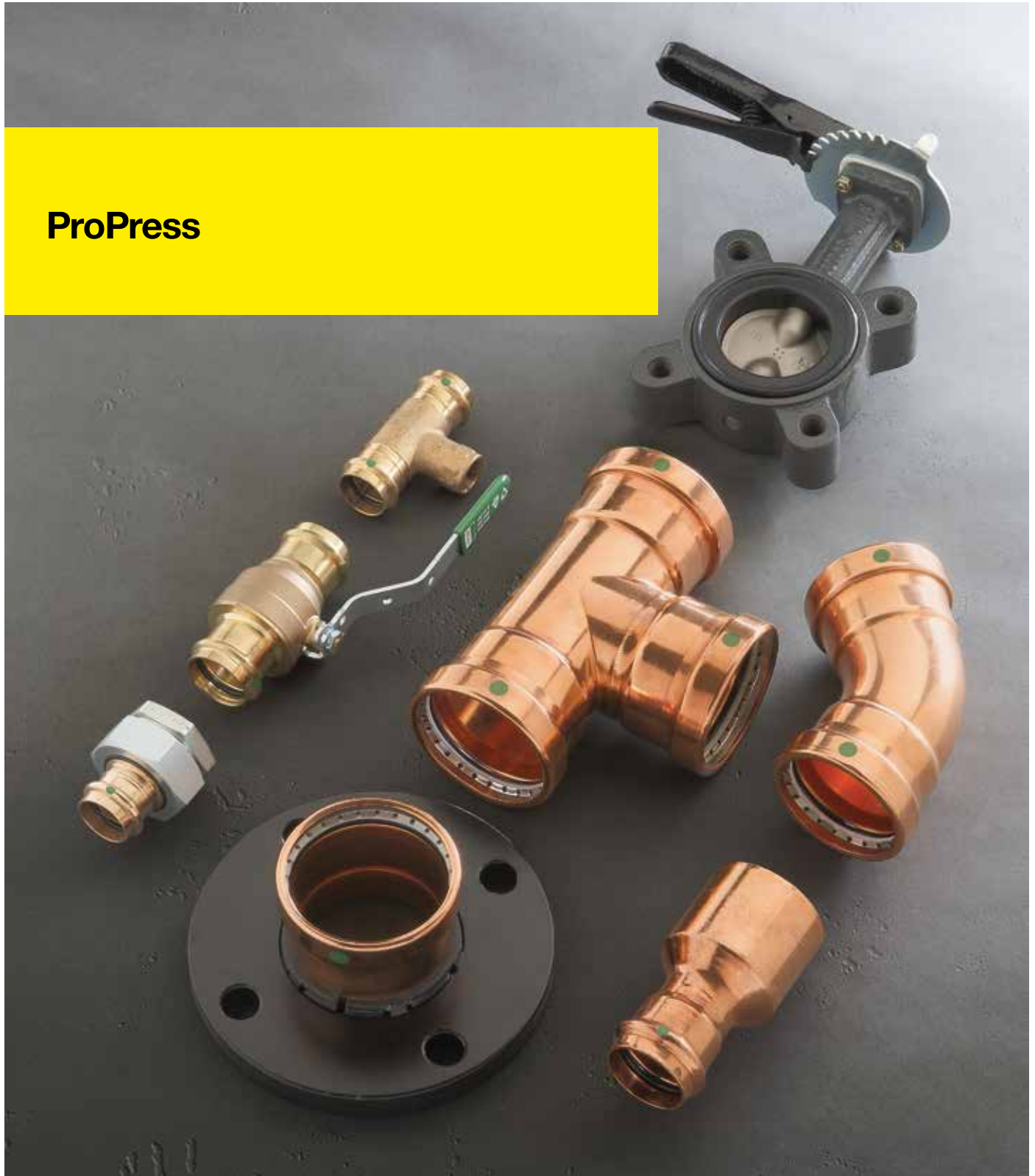


ProPress

1.1



viega

ProPress

Viega ProPress is the trusted copper press joining solution. Since its introduction in 1999, it has reduced overall job costs, saved time, and increased reliability on jobsites across the globe. Viega is the only company with Smart Connect technology, which provides installers added confidence in their ability to ensure secure connections. With system-matched tools, rings and jaws, press connections are made in seconds, making Viega ProPress suitable for virtually any type of project.

FEATURES AND BENEFITS

- Available in sizes ½" to 4"
- Customizable with three sealing elements: EPDM, HNBR and FKM
- More than 400 engineered fitting configurations for copper and Zero Lead bronze from ½" to 4"
- Approved for more than 250 different applications

CODES AND STANDARDS

- ASME B16.51: Copper and Copper Alloy Press-Connect Pressure Fittings
- ASME B31: Code for Pressure Piping
- ASME B31.1: Power Piping
- ASME B31.3: Process Piping
- ASME B31.9: Building Service Piping
- ASTM F3226: Standard Specification for Metallic Press-Connect Fittings
- CGA P-18: Standard for Bulk Inert Gas Systems
- CSA 6853 01: Low Lead Content Certification Program
- CSA B214: Installation code for hydronic heating systems
- IAPMO: California Plumbing Code (CPC)
- IAPMO: National Standard Plumbing Code (NSPC)
- IAPMO: PS-117: Press Connections
- IAPMO: Uniform Mechanical Code (UMC)
- IAPMO: Uniform Plumbing Code (UPC)
- IAPMO: Uniform Solar, Hydronics and Geothermal Code (USHGC)
- IACS UR P2: Rules for piping design, construction and testing
- ICC: International Mechanical Code (IMC)
- ICC: International Plumbing Code (IPC)
- ICC: International Residential Code (IRC)
- ICC-ES LC1002: Press-connection Fittings for Potable Water Tube and Radiant Heating Systems
- National Building Code of Canada (NBCC)
- National Plumbing Code of Canada (NPCC)
- NFPA 13: Standard for the Installation of Sprinkler Systems
- NFPA 13D: Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes
- NFPA 13R: Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies
- NFPA 55: Compressed Gases and Cryogenic Fluids Code

LISTINGS AND CERTIFICATIONS

- ABS: American Bureau of Shipping Type Approval
- ASTM B75: Standard Specification for Seamless Copper Tube
- ASTM B88: Standard Specification for Seamless Copper Water Tube
- BV: Bureau Veritas Type Approval
- Canadian Registration Number (CRN): 0A14541.5 A/B/C
- DNV GL: Det Norske Veritas Germanischer Lloyd Type Approval
- FM Class 1920: Pipe Couplings and Fittings for Aboveground Fire Protection Systems
- ICC-ES PMG-1037 (ProPress)
- LR: Lloyd's Register Type Approval
- NSF/ANSI/CAN 61: Drinking Water System Components – Health Effects
- NSF/ANSI 372: Drinking Water System Components – Lead Content
- RINA: Registro Italiano Navale
- ANSI/CAN/UL 213: Standard for Rubber Gasketed Fittings for Fire-Protection Service
- United States Coast Guard Acceptance Letter 2019-3650

ZERO LEAD

References to Zero Lead throughout this publication mean products meet the requirements of both NSF/ANSI 372 ($\leq 0.25\%$ maximum weighted average lead content) and NSF/ANSI/CAN 61.

NOTE

A green dot on a Viega ProPress fitting indicates Smart Connect technology with an EPDM sealing element.

Index

Elbows	20
Tees	23
Adapters	25
Flanges	26
Caps	27
Unions	27
Couplings	28
Reducers	29
Venturi	30
Valves	31
Cross-Overs	34
Stub-Outs	34
Sealing Elements and Gaskets	34
Accessories	35

Elbows



Viega ProPress 90° elbow Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Note

Wt (lb) represents individual part weight.

Quantity represents bag/carton if applicable.

Model 2916

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.116	10	77317	8
3/4	3/4	0.173	10	77022	8
1	1	0.278	5	77027	8
1 1/4	1 1/4	0.364	5	77032	8
1 1/2	1 1/2	0.667	1	77037	8
2	2	1.059	1	77042	8



Viega ProPress 90° elbow Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Note

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

Model 0916XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	2.101	1	20623	8
3	3	3.031	1	20628	8
4	4	5.724	1	20633	8



Viega ProPress 90° street elbow Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection, street

Components

EPDM sealing element

Model 2916.1

P	FTG (CTS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.104	10	77347	8
3/4	3/4	0.164	10	77052	8
1	1	0.265	5	77057	8
1 1/4	1 1/4	0.353	5	77062	8
1 1/2	1 1/2	0.644	1	77067	8
2	2	1.025	1	77072	8

FTG (CTS) = TEST



Viega ProPress 90° street elbow Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection, street

Components

EPDM sealing element

Note

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

Model 0916.1XL

P	FTG (CTS)	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.955	1	20638	8
3	3	2.861	1	20643	8
4	4	5.510	1	20648	8

FTG (CTS) = TEST



Viega ProPress 90° reducing elbow Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Model 2916.3

P1	P2	Wt [lb]	Quantity	Part No	DG
3/4	1/2	0.158	15	77325	8
1	3/4	0.251	10	77330	8



Viega ProPress 90° extended street elbow
Smart Connect technology
 - For use with ASTM B88 and B75 tubing
 - Copper
 - Press connection, street
Components
 EPDM sealing element
Model 2947

P	FTG (CTS)	Wt [lb]	Quantity	Part No	DG
¾	¾	0.386	5	77353*	8

FTG (CTS) = TEST
 * = Available while supplies last



Viega ProPress 90° elbow
Smart Connect technology
Zero Lead
 - For use with ASTM B88 and B75 tubing
 - Bronze
 - Press connection, female pipe thread
Components
 EPDM sealing element
Model 2914.2ZL

P	FPT	Wt [lb]	Quantity	Part No	DG
½	⅜	0.136	5	79520	8
½	½	0.181	5	79525	8
½	¾	0.243	5	79530	8
¾	½	0.245	5	79535	8
¾	¾	0.299	5	79540	8
1	½	0.313	1	79545	8
1	1	0.463	1	79550	8
1¼	1¼	0.694	1	79560	8
1½	1½	0.961	1	79565	8
2	2	1.609	1	79570	8



Viega ProPress vent elbow
Smart Connect technology
Zero Lead
 - For use with ASTM B88 and B75 tubing
 - Bronze
 - Press connection, female pipe thread
Components
 EPDM sealing elements
Model 2917.3ZL

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
½	½	⅛	0.154	2	79635	8
¾	¾	⅛	0.250	2	79640	8



Viega ProPress 90° hi ear elbow
Smart Connect technology
Zero Lead
 - For use with ASTM B88 and B75 tubing
 - Bronze
 - Press connection, female pipe thread
Components
 EPDM sealing element
Model 2925.2ZL

P	FPT	Wt [lb]	Quantity	Part No	DG
½	½	0.221	5	79205	8



Viega ProPress 90° drop ear elbow
Smart Connect technology
Zero Lead
 - For use with ASTM B88 and B75 tubing
 - Bronze
 - Press connection, female pipe thread
Components
 EPDM sealing element
Model 2925.5ZL

P	FPT	Wt [lb]	Quantity	Part No	DG
½	⅜	0.242	5	79185	8
½	½	0.283	5	79190	8
¾	¾	0.430	5	79195	8



Viega ProPress double drop elbow
Smart Connect technology
Zero Lead
 - For use with ASTM B88 and B75 tubing
 - Bronze
 - Press connection, female pipe thread
Components
 EPDM sealing elements
Model 2928.7ZL

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
½	½	½	0.390	1	78800	8
¾	¾	½	0.544	1	78802	8
¾	¾	¾	0.573	1	78801	8
1	1	½	0.710	1	78803	8


Viega ProPress 45° elbow
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Model 2926

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.094	10	77607	8
3/4	3/4	0.150	10	77023	8
1	1	0.210	5	77028	8
1 1/4	1 1/4	0.292	5	77033	8
1 1/2	1 1/2	0.584	1	77038	8
2	2	0.786	1	77043	8


Viega ProPress 45° elbow
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Note

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

Model 0926XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.609	1	20653	8
3	3	2.336	1	20658	8
4	4	4.214	1	20663	8


Viega ProPress 45° street elbow
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection, street

Components

EPDM sealing element

Model 2926.1

P	FTG (CTS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.085	10	77637	8
3/4	3/4	0.140	10	77053	8
1	1	0.199	5	77058	8
1 1/4	1 1/4	0.274	5	77063	8
1 1/2	1 1/2	0.538	1	77068	8
2	2	0.766	1	77073	8

FTG (CTS) = TEST


Viega ProPress 45° street elbow
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection, street

Components

EPDM sealing element

Note

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

Model 0926.1XL

P	FTG (CTS)	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.554	1	20668	8
3	3	2.189	1	20673	8
4	4	3.964	1	20678	8

FTG (CTS) = TEST

Tees

Viega ProPress tee
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Model 2918

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
1/2	1/2	1/2	0.202	10	77377	8
1/2	1/2	3/4	0.289	10	77382	8
1/2	1/2	1	0.310	5	15493	8
3/4	1/2	1/2	0.277	10	77392	8
3/4	1/2	3/4	0.318	5	77397	8
3/4	3/4	1/2	0.282	10	77402	8
3/4	3/4	3/4	0.331	10	77387	8
3/4	3/4	1	0.400	5	77407	8
1	1/2	3/4	0.400	5	22263	8
1	1/2	1	0.449	5	94767	8
1	3/4	1/2	0.358	5	77417	8
1	3/4	3/4	0.399	5	77422	8
1	3/4	1	0.447	5	77427	8
1	1	1/2	0.370	5	77432	8
1	1	3/4	0.401	5	77437	8
1	1	1	0.443	5	77412	8
1	1	1 1/4	0.580	1	15488	8
1 1/4	1/2	1 1/4	0.538	1	22253	8
1 1/4	3/4	1/2	0.467	1	22243	8
1 1/4	3/4	3/4	0.500	1	22258	8
1 1/4	3/4	1	0.553	1	22268	8
1 1/4	3/4	1 1/4	0.613	1	22248	8
1 1/4	1	1/2	0.450	1	22238	8
1 1/4	1	3/4	0.516	1	94762	8
1 1/4	1	1	0.520	1	14568	8
1 1/4	1 1/4	1/2	0.465	1	94757	8
1 1/4	1 1/4	3/4	0.505	1	77452	8
1 1/4	1 1/4	1	0.536	1	77447	8
1 1/4	1 1/4	1 1/4	0.611	1	77442	8
1 1/2	1	3/4	0.761	1	79660	8
1 1/2	1	1	0.799	1	15458	8
1 1/2	1	1 1/2	1.069	1	15463	8
1 1/2	1 1/4	3/4	0.730	1	22233	8
1 1/2	1 1/4	1	0.801	1	15453	8
1 1/2	1 1/4	1 1/4	0.842	1	15483	8
1 1/2	1 1/2	1/2	0.723	1	15448	8
1 1/2	1 1/2	3/4	0.791	1	77462	8
1 1/2	1 1/2	1	0.833	1	77467	8
1 1/2	1 1/2	1 1/4	0.890	1	77472	8
1 1/2	1 1/2	1 1/2	1.175	1	77457	8
2	1 1/4	1 1/4	1.123	1	15518	8
2	1 1/2	3/4	1.027	1	15513	8
2	1 1/2	1	1.097	1	15498	8
2	1 1/2	1 1/4	1.176	1	15508	8
2	1 1/2	1 1/2	1.386	1	15503	8
2	1 1/2	2	1.528	1	22228	8
2	2	1/2	1.017	1	15538	8
2	2	3/4	1.062	1	94777	8
2	2	1	1.108	1	94772	8
2	2	1 1/4	1.197	1	77487	8
2	2	1 1/2	1.373	1	77482	8
2	2	2	1.492	1	77477	8


Viega ProPress tee
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Note

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

Model 0918XL

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
2½	¾	2½	2.059	1	20684	8
2½	1	2½	2.014	1	20689	8
2½	1¼	2½	2.081	1	20694	8
2½	1½	2½	2.204	1	20699	8
2½	2	¾	1.397	1	20704	8
2½	2	1	1.424	1	20709	8
2½	2	1½	1.670	1	22283	8
2½	2	2	1.840	1	22278	8
2½	2	2½	2.169	1	20714	8
2½	2½	½	1.483	1	22303	8
2½	2½	¾	1.463	1	22298	8
2½	2½	1	1.521	1	22293	8
2½	2½	1¼	1.631	1	22288	8
2½	2½	1½	1.809	1	20803	8
2½	2½	2	1.940	1	20688	8
2½	2½	2½	2.292	1	20683	8
3	¾	3	2.953	1	20719	8
3	1	3	2.885	1	20724	8
3	1¼	3	2.927	1	20729	8
3	1½	3	3.044	1	20727	8
3	2	2	2.330	1	20732	8
3	2	2½	2.605	1	20734	8
3	2	3	2.953	1	20739	8
3	2½	2	2.466	1	20744	8
3	2½	2½	2.865	1	20749	8
3	2½	3	3.183	1	20754	8
3	3	½	1.945	1	20759	8
3	3	¾	1.984	1	22323	8
3	3	1	2.063	1	22308	8
3	3	1¼	2.129	1	22313	8
3	3	1½	2.327	1	20798	8
3	3	2	2.499	1	20698	8
3	3	2½	2.903	1	20703	8
3	3	3	3.251	1	20693	8
4	3	2	4.038	1	20774	8
4	3	3	4.915	1	20784	8
4	4	½	3.372	1	20788	8
4	4	¾	3.399	1	20793	8
4	4	1	3.652	1	20794	8
4	4	1¼	3.665	1	20795	8
4	4	1½	3.791	1	20808	8
4	4	2	4.020	1	20713	8
4	4	2½	4.534	1	20718	8
4	4	3	4.853	1	20723	8
4	4	4	5.841	1	20708	8


Viega ProPress tee
Smart Connect technology
Zero Lead

- For use with ASTM B88 and B75 tubing
- Bronze
- Press connection, female pipe thread

Components

EPDM sealing elements

Model 2917.2ZL

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
½	½	½	0.233	5	79580	8
¾	¾	¼	0.253	5	79585	8
¾	¾	½	0.304	5	79590	8
¾	¾	¾	0.348	5	79595	8
1	1	½	0.414	5	79760	8
1	1	¾	0.492	5	79765	8
1¼	1¼	½	0.529	1	79770	8
1¼	1¼	¾	0.625	1	79775	8
1½	1½	½	0.809	1	79780	8
1½	1½	¾	0.900	1	79785	8
2	2	½	1.150	1	79790	8
2	2	¾	1.300	1	79795	8


Viega ProPress tee
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection, female pipe thread

Components

EPDM sealing elements

Note

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

Model 0917.2XL

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
2½	2½	¾	1.541	1	20883	8
2½	2½	2	2.149	1	20878	8
3	3	¾	2.043	1	20893	8
3	3	2	2.777	1	20888	8
4	4	¾	3.474	1	20873	8
4	4	2	4.293	1	20868	8

Adapters

Viega ProPress adapter
Smart Connect technology
Zero Lead

- For use with ASTM B88 and B75 tubing
- Bronze
- Press connection, male pipe thread

Components

EPDM sealing element

Model 2911ZL

P	MPT	Wt [lb]	Quantity	Part No	DG
½	¾	0.091	10	79210	8
½	½	0.107	10	79215	8
½	¾	0.150	10	79220	8
¾	½	0.146	10	79225	8
¾	¾	0.155	10	79230	8
¾	1	0.237	10	79235	8
1	¾	0.235	10	79240	8
1	1	0.256	10	79245	8
1	1¼	0.448	10	79250	8
1¼	1	0.322	1	79255	8
1¼	1¼	0.452	1	79260	8
1¼	1½	0.522	1	79265	8
1½	1¼	0.597	1	79270	8
1½	1½	0.540	1	79275	8
1½	2	0.934	1	79280	8
2	1½	0.844	1	79285	8
2	2	0.841	1	79290	8


Viega ProPress adapter
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection, male pipe thread

Components

EPDM sealing element

Note

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

Model 0911XL

P	MPT	Wt [lb]	Quantity	Part No	DG
2½	2½	1.585	1	20823	8
3	3	2.314	1	20828	8
4	4	3.643	1	20838	8


Viega ProPress adapter
Zero Lead

- For use with Viega ProPress fittings
- Bronze
- Street, male pipe thread

Model 2911.1ZL

FTG (CTS)	MPT	Wt [lb]	Quantity	Part No	DG
½	¾	0.066	5	79375	8
½	½	0.103	5	79380	8
½	¾	0.137	5	79385	8
¾	½	0.101	5	79390	8
¾	¾	0.152	5	79395	8
1	¾	0.166	5	79400	8
1	1	0.245	5	79405	8
1¼	1¼	0.502	1	79410	8
1½	1½	0.563	1	79415	8
2	2	0.895	1	79420	8

FTG (CTS) = TEST


Viega ProPress adapter
Smart Connect technology
Zero Lead

- For use with ASTM B88 and B75 tubing
- Bronze
- Press connection, female pipe thread

Components

EPDM sealing element

Model 2912ZL

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	3/8	0.083	10	79295	8
1/2	1/2	0.121	10	79300	8
1/2	3/4	0.156	10	79305	8
3/4	1/2	0.147	10	79310	8
3/4	3/4	0.177	10	79315	8
1	1/2	0.179	10	79320	8
1	3/4	0.208	10	79325	8
1	1	0.277	10	79330	8
1	1 1/4	0.370	10	79335	8
1 1/4	1/2	0.220	1	79340	8
1 1/4	1	0.302	1	79345	8
1 1/4	1 1/4	0.391	1	79350	8
1 1/4	1 1/2	0.466	1	79355	8
1 1/2	1 1/4	0.465	1	79360	8
1 1/2	1 1/2	0.560	1	79365	8
2	2	0.781	1	79370	8


Viega ProPress adapter
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection, female pipe thread

Components

EPDM sealing element

Note

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

Model 0912XL

P	FPT	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.821	1	20819	8
3	3	2.923	1	20829	8
4	4	4.404	1	20839	8


Viega ProPress adapter
Zero Lead

- For use with Viega ProPress fittings
- Bronze
- Street, female pipe thread

Model 2912.1ZL

FTG (CTS)	FPT	Wt [lb]	Quantity	Part No	DG
1/2	3/8	0.069	5	79425	8
1/2	1/2	0.102	5	79430	8
1/2	3/4	0.140	5	79435	8
3/4	1/2	0.111	5	79440	8
3/4	3/4	0.148	5	79445	8
1	1/2	0.172	1	79455	8
1	1	0.262	1	79450	8
1 1/4	1/2	0.267	1	79460	8
1 1/4	1 1/4	0.402	1	79465	8
1 1/2	1 1/2	0.519	1	79470	8
2	2	0.825	1	79475	8

FTG (CTS) = TEST

Flanges


Viega ProPress adapter flange
2 - pc
Smart Connect technology
Zero Lead

- For use with ASTM B88 and B75 tubing
- Bronze
- Press connection

Components

EPDM sealing element

Model 2959.5ZL

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
1	4	3 1/8	3.292	1	79680	8
1 1/4	4	3 1/2	3.196	1	79685	8
1 1/2	4	3 7/8	4.069	1	79690	8
2	4	4 3/4	5.867	1	79695	8

BP = bolt pattern

BPd = bolt pattern diameter


**Viega ProPress adapter flange
2 - pc**
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing element

Note

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

Model 0959.5XL

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
2½	4	5½	6.762	1	20853	8
3	4	6	8.309	1	20858	8
4	8	7½	11.835	1	20863	8

BP = bolt pattern

BPd = bolt pattern diameter

Caps


Viega ProPress cap
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing element

Model 2956

P	Wt [lb]	Quantity	Part No	DG
½	0.057	10	77712	8
¾	0.088	10	77717	8
1	0.122	5	77722	8
1¼	0.175	1	77727	8
1½	0.326	1	77732	8
2	0.431	1	77737	8


Viega ProPress cap
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing element

Note

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

Model 0956XL

P	Wt [lb]	Quantity	Part No	DG
2½	0.738	1	20833	8
3	1.025	1	20843	8
4	1.851	1	20848	8

Unions


Viega ProPress union
Smart Connect technology
Zero Lead

- For use with ASTM B88 and B75 tubing
- Bronze
- Press connection
- Ground joint

Components

EPDM sealing elements

Model 2960ZL

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.330	1	79125	8
¾	¾	0.506	1	79130	8
1	1	0.885	1	79135	8
1¼	1¼	1.092	1	79140	8
1½	1½	1.754	1	79145	8
2	2	2.824	1	79150	8


Viega ProPress union
Smart Connect technology
Zero Lead

- For use with ASTM B88 and B75 tubing
- Bronze
- Press connection, female pipe thread
- Ground joint

Components

EPDM sealing element

Model 2962ZL

P	FPT	Wt [lb]	Quantity	Part No	DG
½	½	0.304	1	79700	8
¾	¾	0.439	1	79705	8
1	1	0.822	1	79710	8
1¼	1¼	1.013	1	79715	8
1½	1½	1.675	1	79720	8
2	2	2.829	1	79725	8


Viega ProPress union
Smart Connect technology
Zero Lead

- For use with ASTM B88 and B75 tubing
- Bronze
- Press connection, male pipe thread
- Ground joint

Components

EPDM sealing element

Model 2965ZL

P	MPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.326	1	79730	8
3/4	3/4	0.510	1	79735	8
1	1	0.901	1	79740	8
1 1/4	1 1/4	1.139	1	79745	8
1 1/2	1 1/2	1.670	1	79750	8
2	2	2.824	1	79755	8


Viega ProPress di-electric union
Smart Connect technology
Zero Lead

- For transitioning between copper and steel
- Bronze
- Press connection, female pipe thread

Components

EPDM flat gasket, EPDM sealing element

Model 2967ZL

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.815	1	79155	8
3/4	3/4	1.143	1	79160	8
1	1	1.047	1	79165	8
1 1/4	1 1/4	1.558	1	79170	8
1 1/2	1 1/2	1.821	1	79175	8
2	2	2.865	1	79180	8


Viega ProPress tailpiece
Smart Connect technology
Zero Lead

- For use with ASTM B88 and B75 tubing
- Bronze
- Press connection, female union BSP

Components

EPDM sealing element, EPDM flat gasket

Model 2957ZL

P	F BSP	Wt [lb]	Quantity	Part No	DG
1/2	1	0.220	1	79800	8
3/4	1	0.248	1	79805	8
1	1	0.304	1	79810	8
1	1 1/4	0.386	1	79815	8

Couplings


Viega ProPress coupling
With stop
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Model 2915

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.080	10	78047	8
3/4	3/4	0.131	10	78052	8
1	1	0.163	5	78057	8
1 1/4	1 1/4	0.216	5	78062	8
1 1/2	1 1/2	0.468	1	78067	8
2	2	0.604	1	78072	8


Viega ProPress coupling
With stop
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Note

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

Model 0915XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.210	1	20728	8
3	3	1.668	1	20733	8
4	4	2.881	1	20738	8


Viega ProPress coupling
No stop
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Model 2915.3

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.080	10	78172	8
3/4	3/4	0.131	10	78177	8
1	1	0.163	5	78182	8
1 1/4	1 1/4	0.216	5	78187	8
1 1/2	1 1/2	0.472	1	78192	8
2	2	0.604	1	78197	8


Viega ProPress extended coupling
No stop
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Model 2915.5

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.136	5	79005	8
3/4	3/4	0.212	5	79010	8
1	1	0.284	5	79015	8
1 1/4	1 1/4	0.400	1	79020	8
1 1/2	1 1/2	0.688	1	79025	8
2	2	0.906	1	79030	8


Viega ProPress coupling
No stop
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Note

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

Model 0915.5XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.201	1	20743	8
3	3	1.664	1	20748	8
4	4	2.865	1	20753	8


Viega PureFlow Press transition coupling
Smart Connect technology
Zero Lead

- For transitioning between Viega PureFlow Press and Viega ProPress
- Bronze
- Press connection

Components

EPDM sealing elements

Note

ProPress and PureFlow tool and jaws required

Model 2813PZL

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.076	10	99620	6
1/2	3/4	0.115	10	99626	6
3/4	1/2	0.078	10	99630	6
3/4	3/4	0.115	10	99640	6
1	3/4	0.136	10	99645	6
1	1	0.184	10	99660	6
1 1/4	1	0.236	5	99665	6
1 1/4	1 1/4	0.287	5	99670	6
1 1/2	1	0.276	5	99675	6
1 1/2	1 1/2	0.447	5	99680	6
2	1	0.459	5	99685	6
2	2	0.723	5	99690	6

Reducers

Viega ProPress reducer
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Model 2915.2

P1	P2	Wt [lb]	Quantity	Part No	DG
3/4	1/2	0.126	10	78147	8
1	1/2	0.165	10	15603	8
1	3/4	0.175	10	78152	8
1 1/4	3/4	0.248	1	15593	8
1 1/4	1	0.250	1	78157	8
1 1/2	3/4	0.426	1	18473	8
1 1/2	1	0.410	1	15588	8
1 1/2	1 1/4	0.402	1	78162	8
2	3/4	0.596	1	18468	8
2	1	0.584	1	15608	8
2	1 1/4	0.549	1	22328	8
2	1 1/2	0.640	1	78167	8


Viega ProPress reducer
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Note

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

Model 0915.2XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	1	0.827	1	20685	8
2½	1¼	0.851	1	20690	8
2½	1½	0.985	1	20695	8
2½	2	1.047	1	20700	8
3	1½	1.245	1	20705	8
3	2	1.289	1	20710	8
3	2½	1.510	1	20715	8
4	2	2.089	1	20720	8
4	2½	2.332	1	20725	8
4	3	2.482	1	20730	8


Viega ProPress reducer
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Street, press connection

Components

EPDM sealing element

Model 2915.1

FTG (CTS)	P	Wt [lb]	Quantity	Part No	DG
¾	½	0.097	10	78077	8
1	½	0.127	10	78082	8
1	¾	0.144	10	78087	8
1¼	½	0.171	5	22333	8
1¼	¾	0.195	5	78092	8
1¼	1	0.190	5	78097	8
1½	¾	0.277	1	14543	8
1½	1	0.284	1	78102	8
1½	1¼	0.304	1	78107	8
2	1	0.406	1	78112	8
2	1¼	0.418	1	78117	8
2	1½	0.596	1	78122	8

FTG (CTS) = TEST


Viega ProPress reducer
Smart Connect technology
Zero Lead

- For use with ASTM B88 and B75 tubing
- Bronze
- Street, press connection

Components

EPDM sealing element

Model 2915.1ZL

FTG (CTS)	P	Wt [lb]	Quantity	Part No	DG
1½	½	0.318	5	79850	8
2	½	0.527	1	79855	8
2	¾	0.521	1	79860	8

FTG (CTS) = TEST


Viega ProPress reducer
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Street, press connection

Components

EPDM sealing element

Model 0915.1XL

FTG (CTS)	P	Wt [lb]	Quantity	Part No	DG
2½	1	0.754	1	20814	8
2½	1¼	0.791	1	20815	8
2½	1½	0.880	1	20813	8
2½	2	0.815	1	20758	8
3	1¼	1.008	1	20817	8
3	1½	1.157	1	20818	8
3	2	0.886	1	20763	8
3	2½	1.190	1	20768	8
4	2	1.884	1	20773	8
4	2½	2.116	1	20778	8
4	3	2.295	1	20783	8

FTG (CTS) = TEST

Venturi

Viega ProPress venturi insert
Zero Lead

- For use with Viega ProPress tees
- Bronze
- Street

Model 2911.5ZL

FTG1	FTG2	Wt [lb]	Quantity	Part No	DG
1¼	1¼	0.300	1	78810	8
1½	1½	0.468	1	78811	8
2	2	0.671	1	78812	8

Valves



Viega ProPress ball valve

Smart Connect technology

Zero Lead

- For potable water applications
- Bronze
- Press connection
- Full port

Components

Stainless steel ball, EPDM sealing elements

Model 2971.1ZL

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.463	1	79920	8
3/4	3/4	0.659	1	79925	8
1	1	0.992	1	79930	8
1 1/4	1 1/4	1.512	1	79935	8
1 1/2	1 1/2	2.587	1	79940	8
2	2	3.910	1	79950	8

1.1



New

Viega ProPress ball valve

Smart Connect technology

Zero Lead

- For potable water applications
- Brass
- Press connection
- Full port

Components

Stainless steel ball, EPDM sealing elements

Model 2971.1XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	8.706	1	78300¹⁾	8
3	3	11.990	1	78305¹⁾	8
4	4	17.963	1	78310¹⁾	8

¹⁾ Available soon!



Viega ProPress ball valve

Smart Connect technology

Zero Lead

- For potable water applications
- Bronze
- Press connection
- Full port

Components

Lockable metal handle, stainless steel ball and stem, EPDM sealing elements

Model 2971.3ZL

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.458	1	79923	8
3/4	3/4	0.648	1	79928	8
1	1	1.014	1	79933	8
1 1/4	1 1/4	1.508	1	79938	8
1 1/2	1 1/2	2.204	1	79943	8
2	2	3.901	1	79948	8



Viega ProPress ball valve

Smart Connect technology

Zero Lead

- For potable water applications
- Bronze
- Press connection, female pipe thread
- Full port

Components

Lockable metal handle, stainless steel ball, EPDM sealing element

Model 2971.4ZL

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.463	1	79970	8
3/4	3/4	0.630	1	79975	8
1	1	1.031	1	79980	8



Viega ProPress ball valve

Smart Connect technology

Zero Lead

- For potable water applications
- Bronze
- Press connection, hose connection
- Full port

Components

Lockable metal handle, stainless steel ball, EPDM sealing element

Note

NH threads (garden hose)

Model 2971.6ZL

P	Hose	Wt [lb]	Quantity	Part No	DG
1/2	3/4	0.549	1	79875	8
3/4	3/4	0.719	1	79876	8


Viega ProPress ball valve
Smart Connect technology

- For non-potable application
- Bronze/brass
- Press connection
- Full port

Components

EPDM sealing elements

Model 2973

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.595	1	24000	8
3/4	3/4	0.945	1	24005	8
1	1	1.390	1	24010	8
1 1/4	1 1/4	2.199	1	24015	8
1 1/2	1 1/2	3.049	1	24020	8
2	2	5.234	1	24025	8


Viega ProPress ball valve
Smart Connect technology

- For non-potable application
- Bronze/brass
- Press connection, female pipe thread
- Full port

Components

EPDM sealing element

Model 2973.1

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.580	1	24030	8
3/4	3/4	0.910	1	24035	8
1	1	1.430	1	24040	8


Viega ProPress ball valve
Smart Connect technology

- For non-potable application
- Bronze/brass
- Press connection, hose connection
- Full port

Components

EPDM sealing element

Note

NH threads (garden hose)

Model 2973.3

P	Hose	Wt [lb]	Quantity	Part No	DG
1/2	3/4	0.695	1	24090	8
3/4	3/4	0.992	1	24095	8


Viega ProPress check valve
Smart Connect technology
Zero Lead

- For potable water applications
- Bronze
- Press connection
- Inline

Components

EPDM sealing elements

Model 2974ZL

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.180	1	79035	8
3/4	3/4	0.280	1	79040	8
1	1	0.454	1	79045	8
1 1/4	1 1/4	0.639	1	79050	8
1 1/2	1 1/2	0.961	1	79055	8
2	2	1.873	1	79060	8


Viega automatic recirculation balancing valve
Zero Lead

- For automatic balancing of hot water recirculation
- Suitable for Viega PureFlow Press tailpiece Model 2893ZL, Viega ProPress tailpiece Model 2957ZL
- Bronze
- Male BSP

Components

Stainless steel ball

Technical Data

- Operating pressure 150 psi
- Operating temperature 180° F

Note

- Integrated isolation
- Adjustable setpoint
- Adjustable bypass

Model 2981.3ZL

BSP Thread	Wt [lb]	Quantity	Part No	DG
1 x 1	1.159	1	79901	8


Viega drain valve and temperature port
Zero Lead

- Suitable for Viega bimetallic thermometer Part No 23460, Viega temperature sensor 2-wire Part No 23470
- Use with Viega automatic recirculation balancing valve Model 2981.3ZL
- Bronze

Model 2934.8ZL

BSP Thread	Wt [lb]	Quantity	Part No	DG
1/4	0.168	1	79902	8


Viega powerhead cartridge
Zero Lead

- Suitable for powerhead Model 2877.7, 2877.8
- Use with Viega automatic recirculation balancing valve Model 2981.3ZL
- Bronze

Model 2913.8ZL

	Wt [lb]	Quantity	Part No	DG
	0.220	1	79903	8


Viega temperature sensor
2-wire

- Use with Viega drain valve and temperature port Model 2934.8ZL

Note

Only for use with Viega ProPress drain valve and temperature port

Model 2913.9

	Wt [lb]	Quantity	Part No	DG
	0.203	1	23470	8


Viega bimetallic thermometer
Note

Only for use with Viega ProPress drain valve and temperature port

Model 2876.8US

	Wt [lb]	Quantity	Part No	DG
	0.056	1	23460	8


Viega valve insulation shell

- Use with Viega automatic recirculation balancing valve Model 2981.3ZL
- Expanded polypropylene

Model 2910.50

	Wt [lb]	Quantity	Part No	DG
	0.047	1	23450	8


Viega ProPress butterfly valve

- For non-potable application
- Suitable for Viega ProPress bolt set Model 2873.89
- Ductile iron
- Lug style

Components

Stainless steel disc and stem, EPDM liner

Model 2873.81

d	BP	Wt [lb]	Quantity	Part No	DG
2 1/2	4	8.283	1	22074	8
3	4	8.887	1	22075	8
4	8	14.656	1	22076	8

BP = bolt pattern



New

Viega shower valve
Zero Lead

- For potable water applications
- DZR brass
- ½" copper stub outs

Components

Pre-installed flush plug

Note

For use with Viega PureFlow and

Viega ProPress

Compatible only with American Standard pressure balance tub/shower, shower only, and valve only trims

Model 2842.5

d	Wt [lb]	Quantity	Part No	DG
½	1.679	1	93516	6



New

Viega shower valve
Zero Lead

- For potable water applications
- DZR brass
- ½" copper stub outs

Components

With screwdriver stops, pre-installed flush plug

Note

For use with Viega PureFlow and

Viega ProPress

Compatible only with American Standard pressure balance tub/shower, shower only, and valve only trims

Model 2842.6

d	Wt [lb]	Quantity	Part No	DG
½	1.679	1	93517	6

Cross-Overs


Viega ProPress cross-over
Smart Connect technology

- For use with ASTM B88 and B75 tubing
- Copper
- Press connection

Components

EPDM sealing elements

Model 2928

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.237	10	77742	8
¾	¾	0.413	10	77747	8

Stub-Outs


Viega ProPress 90° stub-out

- For use with Viega ProPress fittings
- Copper

Components

Wall plate

Model 2975.2

d	Wt [lb]	Quantity	Part No	DG
½	0.279	10	19786	8
¾	0.453	10	19791	8

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
½	shiny black	0.001	10	78242	8
¾	shiny black	0.002	10	78247	8
1	shiny black	0.005	10	78252	8
1¼	shiny black	0.003	10	78257	8
1½	shiny black	0.005	10	78262	8
2	shiny black	0.007	10	78267	8



Viega ProPress sealing element
 - For Viega ProPress CTS XL size fitting
 - EPDM
Model 2989XL

d	Version	Wt [lb]	Quantity	Part No	DG
2½	shiny black	0.012	1	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
Model 2986

d	Version	Wt [lb]	Quantity	Part No	DG
½	dull black	0.004	5	17768	8
¾	dull black	0.005	5	17778	8
1	dull black	0.006	5	17788	8
1¼	dull black	0.001	5	17803	8
1½	dull black	0.010	5	17818	8
2	dull black	0.012	5	17823	8



Viega ProPress sealing element FKM
 - For Viega ProPress CTS size fitting
Model 0186XL

d	Version	Wt [lb]	Quantity	Part No	DG
2½	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
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	Version	Wt [lb]	Quantity	Part No	DG
½	yellow	0.002	10	21023	8
¾	yellow	0.003	10	21028	8
1	yellow	0.004	10	21033	8
1¼	yellow	0.005	10	21038	8
1½	yellow	0.106	10	21043	8
2	yellow	0.009	10	21048	8



Viega ProPress flat gasket
 - For Viega ProPress di-electric unions
 - 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 test plug
 - For Viega ProPress fittings
 - Bronze
Model 2969

d	Wt [lb]	Quantity	Part No	DG
½	0.536	1	78202	8
¾	0.700	1	78207	8



Viega ProPress SmartLoop set
Smart Connect technology
Zero Lead
 - For hot water main with internal circulation
 - Bronze
Components
 (1) 1" FTG x ½" P adapter, (1) 1" FTG x ¾" PureFlow Press adapter, (1) ½" FTG x ¾" PureFlow Press adapter, (2) 316 stainless steel press sleeves, EPDM sealing element
Note
 Does not include tubing
Model 2976.1ZL

P1	P2	Wt [lb]	Quantity	Part No	DG
1	½	0.429	1	79000	8


Viega ProPress bolt set

- For butterfly valve
- Suitable for Viega ProPress butterfly valve Model 2873.81
- Galvanized steel

Components

Bolt, washer

Model 2873.89

L [in]	W [in]	Bolts	Valve Size	Wt [lb]	Quantity	Part No	DG
1½	5⁄8	4	2½	0.830	1	19768 ¹	8
1⅝	5⁄8	4	3	1.035	1	19773 ²	8
1¾	5⁄8	8	4	1.799	1	19778 ³	8

¹⁾ Suitable for Viega ProPress butterfly valve Part No 22074

²⁾ Suitable for Viega ProPress butterfly valve Part No 22075

³⁾ Suitable for Viega ProPress butterfly valve Part No 22076


Flange bolt set

- For adapter flange
- Galvanized carbon steel

Components

Bolt, nut, washer

Model 2959.7

L [in]	W [in]	Bolts	Flange	Wt [lb]	Quantity	Part No	DG
2½	½	4	½, ¾, 1, 1¼, 1½	0.871	1	19748	8
2¾	5⁄8	4	2, 2½, 3	1.572	1	19758	8
2¾	5⁄8	8	4	3.141	1	19763	8


Viega replacement handle

- For Viega ProPress Zero Lead ball valves and for Viega MegaPressG ball valves
- Suitable for Viega ProPress ball valve Model 2971.1ZL, 2971.3ZL, 2971.4ZL, 2971.6ZL, Viega MegaPressG ball valve Model 6675, 6675.1, 6675.2, 6675.3
- Galvanized carbon steel

Model 2971.8

Valve Size	Wt [lb]	Quantity	Part No	DG
½, ¾	0.119	1	22170	8
1, 1¼	0.185	1	22172	8
1½, 2	0.179	1	22174	8


Viega ProPress non-potable replacement handle

- For Viega ProPress ball valves
- Use with Viega ProPress ball valve Model 2973, 2973.1, 2973.3
- Carbon steel

Model 2973.8

Valve Size	Wt [lb]	Quantity	Part No	DG
½	0.115	1	22176	8
¾, 1	0.200	1	22178	8
1¼, 1½, 2	0.370	1	22180	8


Viega ProPress stem extension

- For Viega ProPress Zero Lead ball valves
- Bronze

Model 2971.96

Valve Size	Wt [lb]	Quantity	Part No	DG
½, ¾	0.207	1	23443 ¹	8
1, 1¼	0.245	1	23445 ²	8
1½, 2	0.276	1	23447 ³	8

¹⁾ Suitable for Viega ProPress ball valve Part No 79875, 79876, 79920, 79923, 79925, 79928, 79970, 79975

²⁾ Suitable for Viega ProPress ball valve Part No 79930, 79933, 79935, 79938, 79980

³⁾ Suitable for Viega ProPress ball valve Part No 79940, 79943, 79948, 79950


Viega ProPress stem extension

- For Viega ProPress non-potable ball valves
- Brass

Model 2973.96

Valve Size	Wt [lb]	Quantity	Part No	DG
½	0.240	1	23449 ¹	8
¾, 1	0.325	1	23451 ²	8
1¼, 1½, 2	0.590	1	23453 ³	8

¹⁾ Suitable for Viega ProPress ball valve Part No 24000, 24030, 24090

²⁾ Suitable for Viega ProPress ball valve Part No 24005, 24010, 24035, 24040, 24095

³⁾ Suitable for Viega ProPress ball valve Part No 24015, 24020, 24025