

ProPress



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, a patented technology that helps installers easily identify an unpressed fitting, providing them with added confidence in their connections. With system-matched tools 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 600 engineered fitting configurations for copper
- Approved for more than 150 different applications

CODES AND STANDARDS

- ASME B31: Code for Pressure Piping
- ASTM B88: Standard Specification for Seamless Copper Water Tube
- IAPMO California Plumbing Code (CPC)
- IAPMO National Standard Plumbing Code (NSPC)
- IAPMO Uniform Mechanical Code (UMC)
- IAPMO Uniform Plumbing Code (UPC)
- ICC International Mechanical Code (IMC)
- ICC International Plumbing Code (IPC)
- ICC International Residential Code (IRC)
- National Building Code of Canada (NBCC)
- National Plumbing Code of Canada (NPCC)

LISTINGS AND CERTIFICATIONS

- ABS: American Bureau of Shipping Type Approval
- ASME B16.51: Copper and Copper Alloy Press-Connect Pressure Fittings
- ASME B31.1: Power Piping
- ASME B31.3: Process Piping
- ASME B31.9: Building Service Piping
- BV: Bureau Veritas Type Approval
- Canadian Registration Number (CRN): 0A14541.5 A/B/C
- CSA Low Lead Content
- DNV GL: Det Norske Veritas Germanischer Lloyd Type Approval
- FM Class 1920: Pipe Couplings and Fittings for Aboveground Fire Protection Systems
- IAPMO PS-117: Press and Nail Connections
- ICC-ES LC1002: Copper and Copper Alloy Press-Connect Pressure Fittings
- LR: Lloyd's Register Type Approval
- 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
- NKK: Nippon Kaija Kyokai Type Approval
- NSF/ANSI 61: Drinking Water System Components – Health Effects
- NSF/ANSI 372: Drinking Water System Components – Lead Content
- UL /ANSI 213: Standard for Rubber Gasketed Fittings for Fire-Protection Service
- ULC/ANSI ORD-C213: Canadian Standard for Rubber Gasketed Fittings for Fire-Protection Service

ZERO LEAD

References to Zero Lead throughout this publication mean products meet the requirements of both NSF/ANSI Standard 372 (0.25% or less percent maximum weighted average lead content) and NSF/ANSI 61.

NOTE

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

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Elbows

1.1



Viega ProPress 90° elbow
Smart Connect technology
 - For use with ASTM B88 tubing
 - Copper
 - Press connection
Components
 EPDM sealing elements
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 XL-C 90° elbow
Smart Connect technology
 - For use with ASTM B88 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 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



Viega ProPress XL-C 90° street elbow
Smart Connect technology
 - For use with ASTM B88 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



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

P	FTG (CTS)	Wt [lb]	Quantity	Part No	DG
3/4	3/4	0.386	5	77353*	8

* = Available while supplies last



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

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	3/8	0.136	5	79520	8
1/2	1/2	0.181	5	79525	8
1/2	3/4	0.231	5	79530	8
3/4	1/2	0.245	5	79535	8
3/4	3/4	0.299	5	79540	8
1	1/2	0.313	1	79545	8
1	1	0.463	1	79550	8
1 1/4	1 1/4	0.668	1	79560	8
1 1/2	1 1/2	0.961	1	79565	8
2	2	1.609	1	79570	8

1.1



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

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	1/8	0.154	2	79635	8
3/4	3/4	1/8	0.234	2	79640	8



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

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.221	5	79205	8



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

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	3/8	0.242	5	79185	8
1/2	1/2	0.280	5	79190	8
3/4	3/4	0.430	5	79195	8



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

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	1/2	0.365	1	78800	8
3/4	3/4	1/2		1	78802	8
3/4	3/4	3/4	0.573	1	78801	8
1	1	1/2	0.710	1	78803	8



Viega ProPress 45° elbow
Smart Connect technology
 - For use with ASTM B88 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 XL-C 45° elbow
Smart Connect technology

- For use with ASTM B88 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
2½	2½	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 tubing
- Copper
- Press connection, street

Components

EPDM sealing element

Model 2926.1

P	FTG (CTS)	Wt [lb]	Quantity	Part No	DG
½	½	0.085	10	77637	8
¾	¾	0.140	10	77053	8
1	1	0.199	5	77058	8
1¼	1¼	0.274	5	77063	8
1½	1½	0.538	1	77068	8
2	2	0.766	1	77073	8



Viega ProPress XL-C 45° street elbow
Smart Connect technology

- For use with ASTM B88 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
2½	2½	1.554	1	20668	8
3	3	2.189	1	20673	8
4	4	3.964	1	20678	8

Tees



Viega ProPress tee
Smart Connect technology
 - For use with ASTM B88 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	0.326	5	77397	8
3/4	3/4	1/2	0.282	10	77402	8
3/4	3/4	3/4	0.333	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	0.463	5	94767	8
1	3/4	1/2	0.367	5	77417	8
1	3/4	3/4	0.399	5	77422	8
1	3/4	1	0.457	5	77427	8
1	1	1/2	0.378	5	77432	8
1	1	3/4	0.400	5	77437	8
1	1	1	0.452	5	77412	8
1	1	1 1/4	0.580	1	15488	8
1 1/4	1/2	1 1/4	0.600	1	22253	8
1 1/4	3/4	1/2	0.467	1	22243	8
1 1/4	3/4	3/4	0.514	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	0.453	1	22238	8
1 1/4	1	3/4	0.512	1	94762	8
1 1/4	1	1	0.559	1	14568	8
1 1/4	1 1/4	1/2	0.460	1	94757	8
1 1/4	1 1/4	3/4	0.512	1	77452	8
1 1/4	1 1/4	1	0.557	1	77447	8
1 1/4	1 1/4	1 1/4	0.603	1	77442	8
1 1/2	1	3/4	0.761	1	79660	8
1 1/2	1	1	0.811	1	15458	8
1 1/2	1	1 1/2	1.087	1	15463	8
1 1/2	1 1/4	3/4	0.754	1	22233	8
1 1/2	1 1/4	1	0.815	1	15453	8
1 1/2	1 1/4	1 1/4	0.845	1	15483	8
1 1/2	1 1/2	1/2	0.725	1	15448	8
1 1/2	1 1/2	3/4	0.814	1	77462	8
1 1/2	1 1/2	1	0.850	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	1.133	1	77457	8
2	1 1/4	1 1/4	1.144	1	15518	8
2	1 1/2	3/4	1.047	1	15513	8
2	1 1/2	1	1.104	1	15498	8
2	1 1/2	1 1/4	1.199	1	15508	8
2	1 1/2	1 1/2	1.381	1	15503	8
2	1 1/2	2	1.581	1	22228	8
2	2	1/2	1.021	1	15538	8
2	2	3/4	1.063	1	94777	8
2	2	1	1.132	1	94772	8
2	2	1 1/4	1.193	1	77487	8
2	2	1 1/2	1.372	1	77482	8
2	2	2	1.492	1	77477	8

1.1



Viega ProPress XL-C tee

Smart Connect technology

- For use with ASTM B88 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 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 XL-C tee

Smart Connect technology

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

Components

- EPDM sealing element

Model 2911ZL

P	MPT	Wt [lb]	Quantity	Part No	DG
1/2	3/8	0.091	10	79210	8
1/2	1/2	0.108	10	79215	8
1/2	3/4	0.149	10	79220	8
3/4	1/2	0.149	10	79225	8
3/4	3/4	0.155	10	79230	8
3/4	1	0.237	10	79235	8
1	3/4	0.232	10	79240	8
1	1	0.258	10	79245	8
1	1 1/4	0.456	10	79250	8
1 1/4	1	0.320	1	79255	8
1 1/4	1 1/4	0.447	1	79260	8
1 1/4	1 1/2	0.522	1	79265	8
1 1/2	1 1/4	0.597	1	79270	8
1 1/2	1 1/2	0.546	1	79275	8
1 1/2	2	0.934	1	79280	8
2	1 1/2	0.846	1	79285	8
2	2	0.909	1	79290	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
1/2	3/8	0.066	5	79375	8
1/2	1/2	0.103	5	79380	8
1/2	3/4	0.137	5	79385	8
3/4	1/2	0.102	5	79390	8
3/4	3/4	0.153	5	79395	8
1	3/4	0.167	5	79400	8
1	1	0.243	5	79405	8
1 1/4	1 1/4	0.502	1	79410	8
1 1/2	1 1/2	0.566	1	79415	8
2	2	0.904	1	79420	8



**Viega ProPress XL-C adapter
Smart Connect technology**

- For use with ASTM B88 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
2 1/2	2 1/2	1.585	1	20823	8
3	3	2.314	1	20828	8
4	4	3.643	1	20838	8



**Viega ProPress adapter
Smart Connect technology, Zero Lead**

- For use with ASTM B88 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	0.122	10	79300	8
1/2	3/4	0.155	10	79305	8
3/4	1/2	0.146	10	79310	8
3/4	3/4	0.176	10	79315	8
1	1/2	0.179	10	79320	8
1	3/4	0.210	10	79325	8
1	1	0.279	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	0.300	1	79345	8
1 1/4	1 1/4	0.395	1	79350	8
1 1/4	1 1/2	0.466	1	79355	8
1 1/2	1 1/4	0.331	1	79360	8
1 1/2	1 1/2	0.558	1	79365	8
2	2	0.791	1	79370	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	0.105	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	0.143	5	79445	8
1	1/2	0.169	1	79455	8
1	1	0.257	1	79450	8
1 1/4	1/2	0.267	1	79460	8
1 1/4	1 1/4	0.403	1	79465	8
1 1/2	1 1/2	0.521	1	79470	8
2	2	0.818	1	79475	8



**Viega ProPress XL-C adapter
Smart Connect technology**
 - For use with ASTM B88 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	2.931	1	20829	8
4	4	4.404	1	20839	8



**Viega PureFlow Press adapter
Smart Connect technology, Zero Lead**
 - For transitioning between Viega PureFlow Press and Viega ProPress
 - Bronze
 - Press connection
Components
 EPDM sealing elements
Note
 ProPress tool and jaw 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

Flanges



**Viega ProPress adapter flange
2 - pc
Smart Connect technology, Zero Lead**
 - For use with ASTM B88 tubing
 - Bronze
 - Press connection
Components
 EPDM sealing element
Model 2959.5ZL

P	BP	Wt [lb]	Quantity	Part No	DG
1	4	3.292	1	79680	8
1 1/4	4	3.196	1	79685	8
1 1/2	4	4.069	1	79690	8
2	4	5.808	1	79695	8

BP = bolt pattern



**Viega ProPress XL-C adapter flange
2 - pc
Smart Connect technology**
 - For use with ASTM B88 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	Wt [lb]	Quantity	Part No	DG
2 1/2	4	6.762	1	20853	8
3	4	7.648	1	20858	8
4	8	10.957	1	20863	8

BP = bolt pattern

Caps



Viega ProPress cap
Smart Connect technology
 - For use with ASTM B88 tubing
 - Copper
 - Press connection
Components
 EPDM sealing element
Model 2956

P	Wt [lb]	Quantity	Part No	DG
1/2	0.057	10	77712	8
3/4	0.088	10	77717	8
1	0.122	5	77722	8
1 1/4	0.175	1	77727	8
1 1/2	0.326	1	77732	8
2	0.425	1	77737	8



Viega ProPress XL-C cap
Smart Connect technology
 - For use with ASTM B88 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
2 1/2	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 tubing
 - Bronze
 - Press connection
 - Ground joint
Components
 EPDM sealing elements
Model 2960ZL

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.326	1	79125	8
3/4	3/4	0.502	1	79130	8
1	1	0.881	1	79135	8
1 1/4	1 1/4	1.092	1	79140	8
1 1/2	1 1/2	1.755	1	79145	8
2	2	2.831	1	79150	8



Viega ProPress union
Smart Connect technology, Zero Lead
 - For use with ASTM B88 tubing
 - Bronze
 - Press connection, female pipe thread
 - Ground joint
Components
 EPDM sealing element
Model 2962ZL

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.305	1	79700	8
3/4	3/4	0.431	1	79705	8
1	1	0.822	1	79710	8
1 1/4	1 1/4	1.011	1	79715	8
1 1/2	1 1/2	1.668	1	79720	8
2	2	2.810	1	79725	8



Viega ProPress union
Smart Connect technology, Zero Lead
 - For use with ASTM B88 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	0.325	1	79730	8
3/4	3/4	0.506	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	1.639	1	79750	8
2	2	2.808	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	1.158	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	1.845	1	79175	8
2	2	2.878	1	79180	8



Viega ProPress tailpiece
Smart Connect technology, Zero Lead

- For use with ASTM B88 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	0.379	1	79815	8

Couplings



Viega ProPress coupling
With stop

- For use with ASTM B88 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	0.474	1	78067	8
2	2	0.604	1	78072	8



Viega ProPress XL-C coupling
With stop

- For use with ASTM B88 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

- For use with ASTM B88 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

- For use with ASTM B88 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	0.394	1	79020	8
1 1/2	1 1/2	0.688	1	79025	8
2	2	0.912	1	79030	8



Viega ProPress XL-C coupling
No stop

- For use with ASTM B88 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

Reducers



Viega ProPress reducer
Smart Connect technology
 - For use with ASTM B88 tubing
 - Copper
 - Press connection
Components
 EPDM sealing elements
Model 2915.2

P1	P2	Wt [lb]	Quantity	Part No	DG
3/4	1/2	0.124	10	78147	8
1	1/2	0.170	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	0.418	1	78162	8
2	3/4	0.595	1	18468	8
2	1	0.581	1	15608	8
2	1 1/4	0.549	1	22328	8
2	1 1/2	0.652	1	78167	8



Viega ProPress XL-C reducer
Smart Connect technology
 - For use with ASTM B88 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
2 1/2	1	0.827	1	20685	8
2 1/2	1 1/4	0.851	1	20690	8
2 1/2	1 1/2	0.985	1	20695	8
2 1/2	2	1.047	1	20700	8
3	1 1/2	1.245	1	20705	8
3	2	1.289	1	20710	8
3	2 1/2	1.510	1	20715	8
4	2	2.089	1	20720	8
4	2 1/2	2.332	1	20725	8
4	3	2.482	1	20730	8



Viega ProPress reducer
Smart Connect technology
 - For use with ASTM B88 tubing
 - Copper
 - Street, press connection
Components
 EPDM sealing element
Model 2915.1

FTG (CTS)	P	Wt [lb]	Quantity	Part No	DG
3/4	1/2	0.097	10	78077	8
1	1/2	0.127	10	78082	8
1	3/4	0.144	10	78087	8
1 1/4	1/2	0.170	5	22333	8
1 1/4	3/4	0.195	5	78092	8
1 1/4	1	0.190	5	78097	8
1 1/2	3/4	0.277	1	14543	8
1 1/2	1	0.299	1	78102	8
1 1/2	1 1/4	0.304	1	78107	8
2	1	0.406	1	78112	8
2	1 1/4	0.418	1	78117	8
2	1 1/2	0.593	1	78122	8



Viega ProPress reducer
Smart Connect technology, Zero Lead
 - For use with ASTM B88 tubing
 - Bronze
 - Street, press connection
Components
 EPDM sealing element
Model 2915.1ZL

FTG (CTS)	P	Wt [lb]	Quantity	Part No	DG
1 1/2	1/2	0.318	5	79850	8
2	1/2	0.532	1	79855	8
2	3/4	0.520	1	79860	8



Viega ProPress XL-C reducer
Smart Connect technology
 - For use with ASTM B88 tubing
 - Copper
 - Street, press connection
Components
 EPDM sealing element
Model 0915.1XL

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

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	0.296	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

Lockable metal handle, stainless steel ball, EPDM sealing elements

Model 2971.1ZL

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.463	1	79920	8
¾	¾	0.659	1	79925	8
1	1	0.992	1	79930	8
1¼	1¼	1.512	1	79935	8



**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, EPDM sealing elements

Model 2970.1ZL

P1	P2	Wt [lb]	Quantity	Part No	DG
1½	1½	3.042	1	79115	8
2	2	5.184	1	79120	8



**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
½	½	0.458	1	79923	8
¾	¾	0.648	1	79928	8
1	1	1.014	1	79933	8
1¼	1¼	1.508	1	79938	8



**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 2970.3ZL

P1	P2	Wt [lb]	Quantity	Part No	DG
1½	1½	3.037	1	79840	8
2	2	5.153	1	79845	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
½	½	0.463	1	79970	8
¾	¾	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	0.675	1	24035	8
1	1	1.182	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 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	7.263	1	22074	8
3	4	8.932	1	22075	8
4	8	16.215	1	22076	8

BP = bolt pattern

Cross-Overs



Viega ProPress cross-over
Smart Connect technology
 - For use with ASTM B88 tubing
 - Copper
 - Press connection
Components
 EPDM sealing elements
Model 2928

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.237	10	77742	8
3/4	3/4	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
1/2	0.279	10	19786	8
3/4	0.453	10	19791	8
1	0.715	10	19961*	8

* = Available while supplies last

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	0.007	10	78267	8



Viega ProPress sealing element
FKM
 - For Viega ProPress CTS size fitting
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	0.001	5	17788	8
1 1/4	dull black	0.007	5	17803	8
1 1/2	dull black	0.012	5	17818	8
2	dull black	0.012	5	17823	8



Viega ProPress flat gasket
 - For Viega ProPress di-electric unions
 - EPDM
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

Tools



Compact press tool kit
 - For Viega PureFlow Press connections 3/8"
 - 1 1/2", Viega ProPress connections 1/2"-1 1/4"
Components
 Ridgid RP 241, jaws, battery, battery charger,
 branded soft-sided case
Model 2880.7US

for d	Wt [lb]	Quantity	Part No	DG
1/2, 3/4, 1	19.195	1	56021¹⁾	16

¹⁾ ProPress jaws included



Standard press tool
 - For Viega PureFlow Press connections 1/2"-2",
 Viega ProPress connections 1/2"-4",
 Viega MegaPress connections 1/2"-4"
Components
 Ridgid 340 tool, battery, battery charger, hard
 case
Model 2980.71

Wt [lb]	Quantity	Part No	DG
22.854	1	56024	16



Standard press tool kit

- For Viega PureFlow Press connections 1/2"-2", Viega ProPress connections 1/2"-4", Viega MegaPress connections 1/2"-4"

for d	Wt [lb]	Quantity	Part No	DG
1/2-2	56.684	1	56023¹	16

¹ ProPress jaws included

Components

Ridgid 340 tool, jaws, battery, battery charger, hard case

Model 2980.7

Accessories



Viega ProPress test plug

- For Viega ProPress fittings
- Bronze

Model 2969

d	Wt [lb]	Quantity	Part No	DG
1/2	0.536	1	78202	8
3/4	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 1/2" P adapter, (1) 1" FTG x 3/8" PureFlow Press adapter, (1) 1/2" FTG x 3/8" PureFlow Press adapter, (2) 316 stainless steel press sleeves, EPDM sealing element

Note

Does not include Viega PureFlow PEX tubing

Model 2976.1ZL

P1	P2	Wt [lb]	Quantity	Part No	DG
1	1/2	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
1 1/2	5/8	4	2 1/2	0.376	1	19768¹	8
1 5/8	5/8	4	3	0.885	1	19773²	8
1 3/4	5/8	8	4	1.799	1	19778³	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
2 1/2	1/2	4	1/2, 3/4, 1, 1 1/4, 1 1/2	0.871	1	19748¹	8
2 3/4	5/8	4	2, 2 1/2, 3	1.572	1	19758²	8
2 3/4	5/8	8	4	3.141	1	19763³	8

¹ Suitable for Viega MegaPress flange Part No 25760, 25765, 25770, 25775, 25780, 90440, 90445, 90450, 90455, 95440, 95445, 95450, 95455, Viega MegaPressG flange Part No 25761, 25766, 25771, 25776, 25781, Viega ProPress adapter flange Part No 81035, 81040, 81045, 81050, 81055, 86082, 86087, 86092, 86097, 86102, Viega ProPress adapter flange, 2 - pc Part No 79680, 79685, 79690

² Suitable for Viega MegaPress flange Part No 25785, 90460, 95460, Viega MegaPressG flange Part No 25786, Viega ProPress adapter flange Part No 81060, 86107, Viega ProPress adapter flange, 2 - pc Part No 79695, Viega ProPress XL adapter flange Part No 81065, 81070, 86067, 86072, Viega ProPress XL-C adapter flange, 2 - pc Part No 20853, 20858

³ Suitable for Viega ProPress XL adapter flange Part No 81075, 86077, Viega ProPress XL-C adapter flange, 2 - pc Part No 20863



Viega ProPress replacement handle

- For Viega ProPress ball valves
- Galvanized carbon steel

Model 2971.8

Valve Size	Wt [lb]	Quantity	Part No	DG
1/2, 3/4	0.119	1	22170 ¹	8
1, 1 1/4	0.185	1	22172 ²	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



Viega ProPress non-potable replacement handle

- For Viega ProPress ball valves
- Carbon steel

Model 2973.8

Valve Size	Wt [lb]	Quantity	Part No	DG
1/2	0.115	1	22176 ¹	8
3/4, 1	0.200	1	22178 ²	8
1 1/4, 1 1/2, 2	0.370	1	22180 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



Viega ProPress replacement handle

- For Viega ProPress ball valves
- Galvanized carbon steel

Model 2970.80

Valve Size	Wt [lb]	Quantity	Part No	DG
1 1/4, 1 1/2, 2	0.216	1	22163 ¹	8

¹) Suitable for Viega ProPress ball valve Part No 79115, 79120, 79840, 79845, 81095, 81100, 81105



Viega ProPress stem extension

- For Viega ProPress ball valves
- Bronze

Model 2970.96

Valve Size	Wt [lb]	Quantity	Part No	DG
1 1/4, 1 1/2, 2	0.313	1	23444 ¹	8

¹) Suitable for Viega ProPress ball valve Part No 79115, 79120, 79840, 79845, 81095, 81100, 81105



Viega ProPress stem extension

- For Viega ProPress Zero Lead ball valves
- Bronze

Model 2971.96

Valve Size	Wt [lb]	Quantity	Part No	DG
1/2, 3/4	0.207	1	23443 ¹	8
1, 1 1/4	0.245	1	23445 ²	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



Viega ProPress stem extension

- For Viega ProPress non-potable ball valves
- Brass

Model 2973.96

Valve Size	Wt [lb]	Quantity	Part No	DG
1/2	0.240	1	23449 ¹	8
3/4, 1	0.325	1	23451 ²	8
1 1/4, 1 1/2, 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