

## 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.

## 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	<b>79920</b>	8
3/4	3/4	0.659	1	<b>79925</b>	8
1	1	0.992	1	<b>79930</b>	8
1 1/4	1 1/4	1.512	1	<b>79935</b>	8
1 1/2	1 1/2	2.587	1	<b>79940</b>	8
2	2	3.910	1	<b>79950</b>	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	<b>78300<sup>1)</sup></b>	8
3	3	11.990	1	<b>78305<sup>1)</sup></b>	8
4	4	17.963	1	<b>78310<sup>1)</sup></b>	8

<sup>1)</sup> 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	<b>79923</b>	8
3/4	3/4	0.648	1	<b>79928</b>	8
1	1	1.014	1	<b>79933</b>	8
1 1/4	1 1/4	1.508	1	<b>79938</b>	8
1 1/2	1 1/2	2.204	1	<b>79943</b>	8
2	2	3.901	1	<b>79948</b>	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	<b>79970</b>	8
3/4	3/4	0.630	1	<b>79975</b>	8
1	1	1.031	1	<b>79980</b>	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	<b>79875</b>	8
3/4	3/4	0.719	1	<b>79876</b>	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	⅝	4	2½	0.830	1	<b>19768</b> <sup>1</sup>	8
1⅝	⅝	4	3	1.035	1	<b>19773</b> <sup>2</sup>	8
1¾	⅝	8	4	1.799	1	<b>19778</b> <sup>3</sup>	8

<sup>1</sup>) Suitable for Viega ProPress butterfly valve Part No 22074

<sup>2</sup>) Suitable for Viega ProPress butterfly valve Part No 22075

<sup>3</sup>) 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	<b>19748</b>	8
2¾	⅝	4	2, 2½, 3	1.572	1	<b>19758</b>	8
2¾	⅝	8	4	3.141	1	<b>19763</b>	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	<b>22170</b>	8
1, 1¼	0.185	1	<b>22172</b>	8
1½, 2	0.179	1	<b>22174</b>	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	<b>22176</b>	8
¾, 1	0.200	1	<b>22178</b>	8
1¼, 1½, 2	0.370	1	<b>22180</b>	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	<b>23443</b> <sup>1</sup>	8
1, 1¼	0.245	1	<b>23445</b> <sup>2</sup>	8
1½, 2	0.276	1	<b>23447</b> <sup>3</sup>	8

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

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

<sup>3</sup>) 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	<b>23449</b> <sup>1</sup>	8
¾, 1	0.325	1	<b>23451</b> <sup>2</sup>	8
1¼, 1½, 2	0.590	1	<b>23453</b> <sup>3</sup>	8

<sup>1</sup>) Suitable for Viega ProPress ball valve Part No 24000, 24030, 24090

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

<sup>3</sup>) Suitable for Viega ProPress ball valve Part No 24015, 24020, 24025