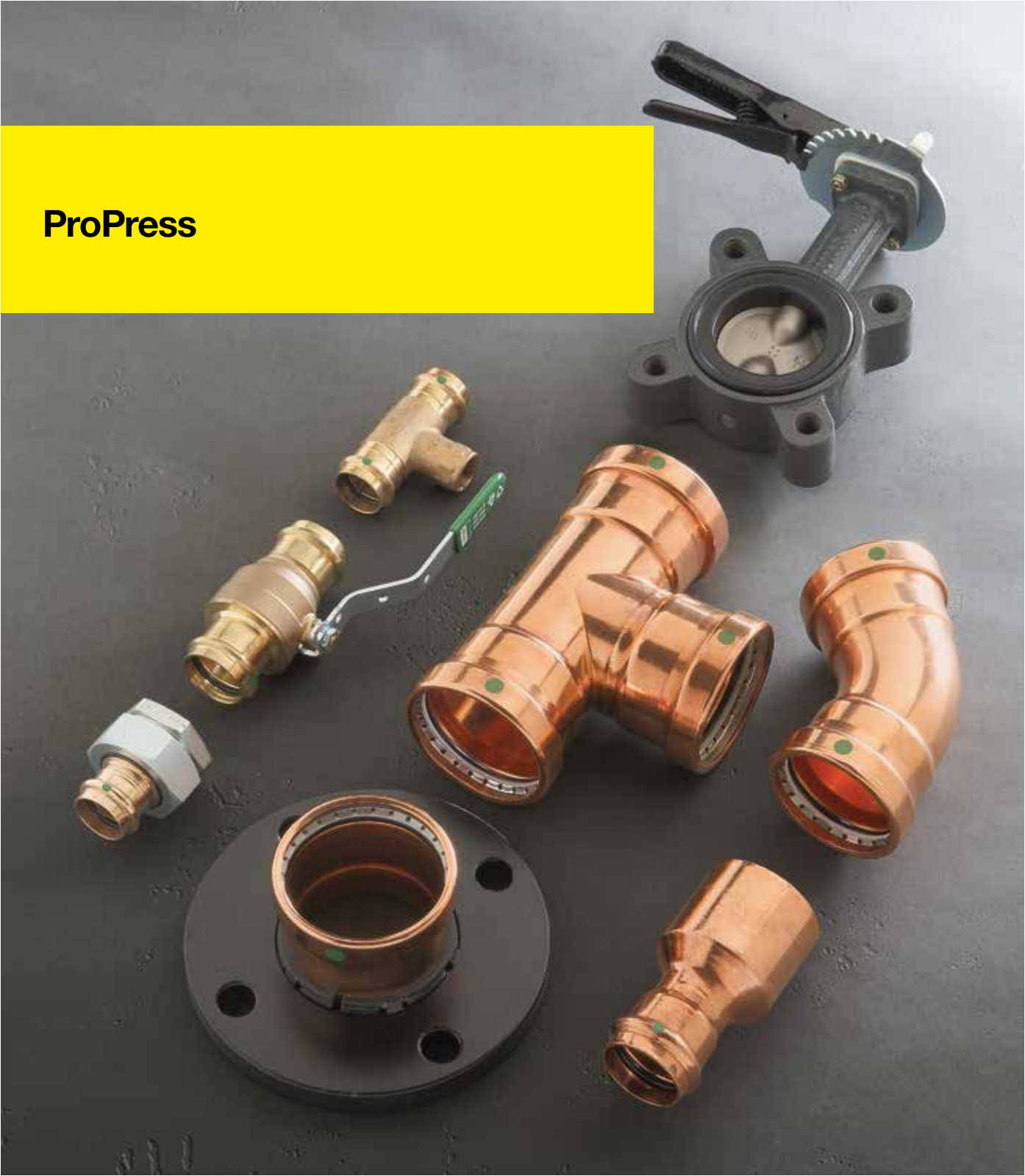


ProPress



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 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	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



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

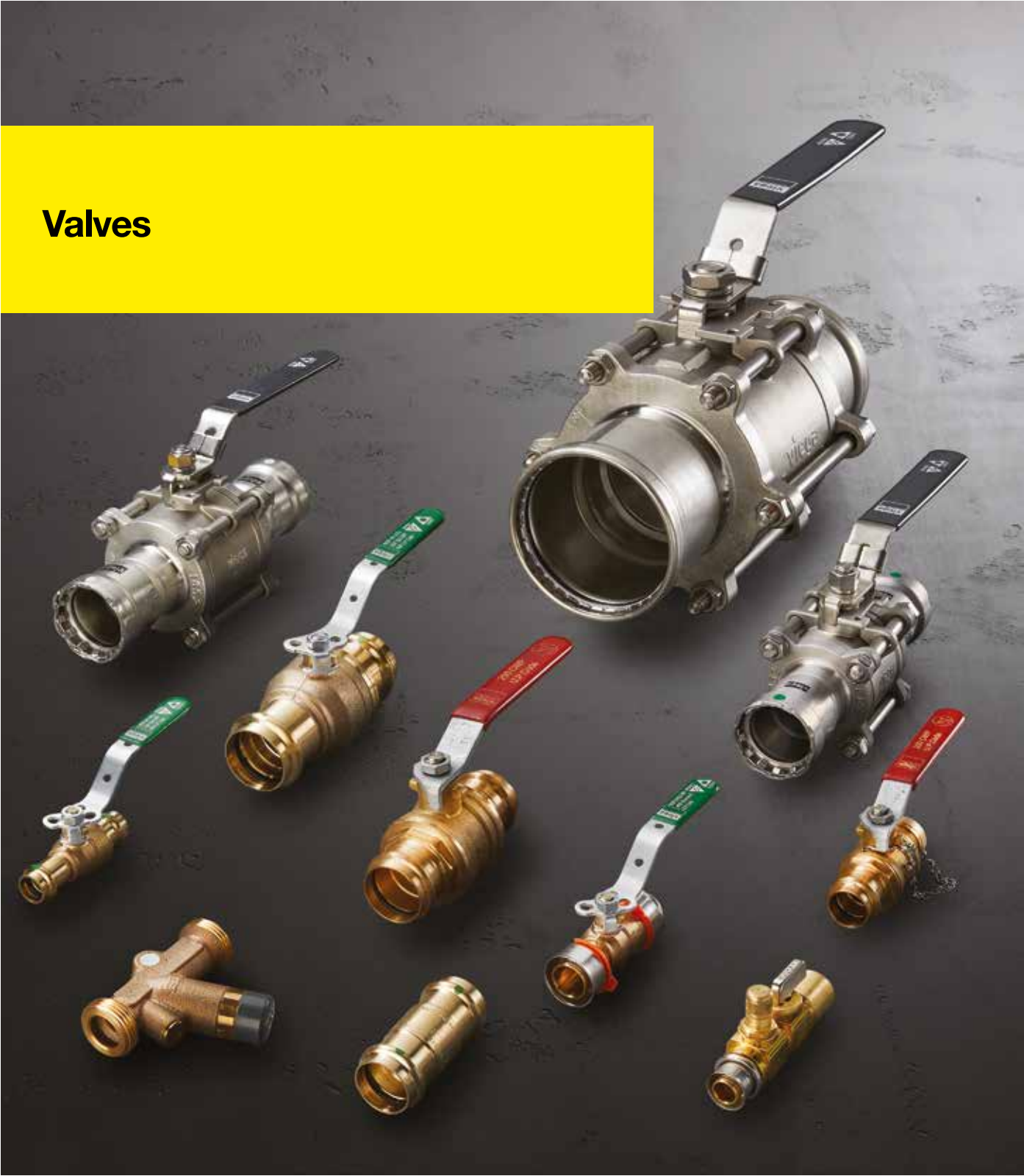
P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.463	1	79970	8
3/4	3/4	0.630	1	79975	8
1	1	1.031	1	79980	8



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

Valves



5.1

Valves

Viega offers shutoff valves to support system installations of ProPress, MegaPress or PureFlow. Whether for potable water, mechanical systems or gas applications, Viega offers a valve for your needs, ranging in size from ½" to 4". Like Viega fittings, valves offer Smart Connect to provide installers added confidence in their ability to ensure secure connections. Viega's innovative thermostatic balancing valve automatically adjusts to a specified temperature, ensuring that your system is balanced.

FEATURES AND BENEFITS

- Multiple system and connection solutions
- 316 stainless steel ball
- Multiple accessory options
- Available with EPDM, FKM, or HNBR sealing elements
- Smart Connect technology
- Installs within minutes – up to 80% faster than conventional methods
- Same tool used for installation of ball valves and fittings
- No flame, fire watch or hot work permits required

CODES AND STANDARDS

- ASME 112.4.14/CSA B125.14: Manually Operated Valves for Use in Plumbing System
- ASME B16.51: Copper and Copper Alloy Press-Connect
- ASME B31: Code for Pressure Piping
- ASME B31.1: Power Piping
- ASME B31.3: Process Piping
- ASME B31.9: Building Service Piping
- ASTM A312: Standard Specification for Seamless, Welded and Heavily Cold Worked Austenitic Stainless Steel Pipes
- ASTM A403: Standard Specification for Wrought Austenitic Stainless Steel Pipe Fittings
- ASTM A554: Standard Specification for Welded Stainless Steel Mechanical Tubing
- ASTM F3347: Standard specification for metal Press insert fittings with factory assembled stainless steel press sleeve for SDR9 Cross-linked Polyethylene (PEX) tubing and SDR9 Polyethylene of raised temperature (PR-RT) tubing
- ASTM F3348: Standard specification for plastic Press insert fittings with factory assembled stainless steel press sleeve for SDR9 Cross-linked Polyethylene (PEX) tubing and SDR9 Polyethylene of raised temperature (PR-RT) tubing
- CSA ANSI LC 4-2012 (R2017)/CSA 6.32-2012 (R2016)
- CSA B214: Installation Code for Hydronic Heating Systems
- CSA Class 6853 01 Low Lead Content Certification Program
- CAN/CSA-B149.1: Natural Gas and Propane Installation Code
- IACS UR P2: Rules for piping design, construction and testing
- IAPMO: ANSI LC 4a/CSA 6.32a: Press-Connect Metallic Fittings for Use in Fuel Gas Distribution Systems
- IAPMO: California Plumbing Code (CPC)
- IAPMO PS-117: Press Connections
- IAPMO: Uniform Mechanical Code (UMC)
- IAPMO: Uniform Plumbing Code (UPC)
- IAPMO: Uniform Solar, Hydronics and Geothermal Code (USHGC)
- IAPMO Z1157: Ball Valves
- ICC-ES: ANSI LC 4a/CSA 6.32a: Press-Connect Metallic Fittings for Use in Fuel Gas Distribution Systems

- ICC: International Fuel Gas Code (IFGC)
- ICC: International Mechanical Code (IMC)
- ICC: International Plumbing Code (IPC)
- ICC: International Residential Code (IRC)
- IAPMO: National Standard Plumbing Code (NSPC)
- National Building Code of Canada (NBCC)
- National Plumbing Code of Canada (NPCC)
- NFPA 54/Z223: National Fuel Gas Code
- NFPA 58 National Liquid Petroleum Gas Code

LISTINGS AND CERTIFICATIONS

- ICC-ES PMG-1036 (MegaPress G)
- ICC-ES PMG-1038 (PureFlow)
- ICC-ES PMG-1037 (ProPress)
- ICC-ES PMG-1124 (MegaPress)
- ICC-ES PMG-1125 (ProPress 316)
- ICC-ES PMG-1451 (MegaPress 304/316)
- Canadian Registration Number (CRN): C14541.5
- NSF/ANSI/CAN 61: Drinking Water System Components
- NSF/ANSI 359: Valves for Cross-linked Polyethylene (PEX) Water Distribution Tubing Systems
- NSF/ANSI 372: Drinking Water System Components – Lead Content

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 indicates an EPDM sealing element. A white dot indicates an FKM sealing element. A yellow dot indicates a HNBR sealing element.

Ball 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



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	78300 ¹⁾	8
3	3	11.990	1	78305 ¹⁾	8
4	4	17.963	1	78310 ¹⁾	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