

## 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.

## Elbows

1.1



### 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	<b>77317</b>	8
3/4	3/4	0.173	10	<b>77022</b>	8
1	1	0.278	5	<b>77027</b>	8
1 1/4	1 1/4	0.364	5	<b>77032</b>	8
1 1/2	1 1/2	0.667	1	<b>77037</b>	8
2	2	1.059	1	<b>77042</b>	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	<b>20623</b>	8
3	3	3.031	1	<b>20628</b>	8
4	4	5.724	1	<b>20633</b>	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	<b>77347</b>	8
3/4	3/4	0.164	10	<b>77052</b>	8
1	1	0.265	5	<b>77057</b>	8
1 1/4	1 1/4	0.353	5	<b>77062</b>	8
1 1/2	1 1/2	0.644	1	<b>77067</b>	8
2	2	1.025	1	<b>77072</b>	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	<b>20638</b>	8
3	3	2.861	1	<b>20643</b>	8
4	4	5.510	1	<b>20648</b>	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	<b>77325</b>	8
1	3/4	0.251	10	<b>77330</b>	8