



## 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.


**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        | <b>20853</b> | 8  |
| 3  | 4  | 6   | 8.309   | 1        | <b>20858</b> | 8  |
| 4  | 8  | 7½  | 11.835  | 1        | <b>20863</b> | 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       | <b>77712</b> | 8  |
| ¾  | 0.088   | 10       | <b>77717</b> | 8  |
| 1  | 0.122   | 5        | <b>77722</b> | 8  |
| 1¼ | 0.175   | 1        | <b>77727</b> | 8  |
| 1½ | 0.326   | 1        | <b>77732</b> | 8  |
| 2  | 0.431   | 1        | <b>77737</b> | 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        | <b>20833</b> | 8  |
| 3  | 1.025   | 1        | <b>20843</b> | 8  |
| 4  | 1.851   | 1        | <b>20848</b> | 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        | <b>79125</b> | 8  |
| ¾  | ¾  | 0.506   | 1        | <b>79130</b> | 8  |
| 1  | 1  | 0.885   | 1        | <b>79135</b> | 8  |
| 1¼ | 1¼ | 1.092   | 1        | <b>79140</b> | 8  |
| 1½ | 1½ | 1.754   | 1        | <b>79145</b> | 8  |
| 2  | 2  | 2.824   | 1        | <b>79150</b> | 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        | <b>79700</b> | 8  |
| ¾  | ¾   | 0.439   | 1        | <b>79705</b> | 8  |
| 1  | 1   | 0.822   | 1        | <b>79710</b> | 8  |
| 1¼ | 1¼  | 1.013   | 1        | <b>79715</b> | 8  |
| 1½ | 1½  | 1.675   | 1        | <b>79720</b> | 8  |
| 2  | 2   | 2.829   | 1        | <b>79725</b> | 8  |