

## System Data

# Viega ProPress® Fitting Systems



Viega ProPress may only be pressed onto copper tube in accordance with ASTM B88 or B75. When pressing onto B88 copper tube, types K, L, and M may be used. Tempers O60 and O50, known as “soft copper”, are limited to nominal sizes ½" to 1¼". Temper H58, known as “hard copper”, may be used with nominal sizes ½" to 4".



When pressing onto B75 copper tube, additional considerations apply. See [Viega ProPress Copper Tube Compatibility Tech Data](#).

ProPress fittings are available in elbows, couplings, reducers, tees, reducing tees, threaded adapters, unions, caps, and flanges.

### Components

- Alloy: Copper alloy – UNS C12200  
Zero Lead silicon bronze alloy – C87710 (cast) or C87700 (machined)
- Peroxidically cured EPDM sealing element
- 420 stainless steel grip ring for 2½" to 4" fittings
- PBT separator ring for 2½" to 4" fittings

### Operating Parameters

- Operating pressure: 300 psi maximum
- Test pressure: 600 psi maximum
- Operating temperature: 0°F-250°F

### Listings and Certifications

- |                        |                        |
|------------------------|------------------------|
| ■ NSF®-61              | ■ CSA Low Lead Content |
| ■ NSF®-372             | ■ ASME B16.51          |
| ■ IAPMO/ANSI/CAN Z1117 | ■ ASTM F3226           |
| ■ ICC-ES IC1002        | ■ FM Class 1920        |
| ■ ABS                  |                        |



Listings, certifications, and approvals are shown for reference only and may not cover every item in the product line. They are subject to change, with the most current official listings located on the appropriate agency's portal.

### Compliant With

- ASME B31, B31.1, B31.3, B31.9
- ASTM 1029
- ASTM B75
- ASTM B88
- ASTM F3226
- 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)

### Approved Applications

- Hot and cold potable water
- Rainwater/gray water
- Chilled water
- Hydronic heating (with glycol)
- Low-pressure steam (15 psi maximum) with FKM sealing element swap
- Residential steam (5 psi maximum)
- Ethanol
- Compressed air
- Non-medical gases
- Vacuum (29.2" Hg maximum 68°F)

ProPress fittings are approved for installations in both above and below ground applications. Per code, local inspector approval must be obtained prior to installation below ground.

### Smart Connect® Technology

ProPress fittings are manufactured with Viega's unique Smart Connect technology. A design of the fitting, Viega Smart Connect technology allows identification of an unpressed fitting during pressure testing.



This document is subject to updates. For the most current Viega technical literature, please visit [www.viega.us](http://www.viega.us).



Viega products are designed to be installed by licensed and trained plumbing and mechanical professionals who are familiar with Viega products and their installation. **Installation by non-professionals may void Viega LLC's warranty.**

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