

## System Data

# Viega PureFlow® Press Fittings



Viega PureFlow Press systems are the most complete potable water and hydronic system solution available on the North American market. Viega

PureFlow Press utilizes press technology for PEX. It is 100% factory assembled with stainless steel sleeves. Viega PureFlow Press fittings are available in sizes ranging from  $\frac{5}{16}$ " to 2" in both Zero Lead bronze and high-grade polymer materials. Viega's PureFlow system meets or exceeds all requirements of ASTM F876/877 and are approved for installations above and below ground. Refer to Viega's installation manual for installation requirements.

Viega PureFlow Press system offering includes: elbows, couplings, reducers, tees, reducing tees, threaded swivel adapters, M NPT & F NPT adapters, polymer manifolds (with and without valves), solder, and ProPress® adapters. All threaded, solder, and ProPress adapters are Zero Lead bronze.

### Operating Parameters

- Operating Temperature: 180°F max (potable)  
200°F max (hydronic)
- Operating Pressure: 160 psi max
- Test Pressure: Recommended: 100 psi  
Maximum: 160 psi

### Listings and Certifications

- ASTM E84
- CAN/ULC S101 / S102.2
- CSA B137.5
- HUD MR-1276
- ICC-ES PMG 1038/1015
- NSF-pw
- UL 1821
- UL 263

### Compliant with:

- International Mechanical Code (IMC)
- International Plumbing Code (IPC)
- International Residential Code (IRC)
- National Fire Protection Association - 13D (NFPA)
- National Standard Plumbing Code (NSPC)
- Uniform Mechanical Code (UMC)
- Uniform Plumbing Code (UPC)
- Housing for Urban Development (HUD)
- Canadian Standards Association (CSA)
- National Plumbing Code of Canada (NPCC)
- National Building Code of Canada (NBCC)

### Approved Applications:

- Hot and cold potable water
- Rainwater/gray water
- Hydronic heating and cooling\*
- Fire Sprinkler\*\* - NFPA 13D

\*Viega FostaPEX® and PureFlow Barrier PEX tubing only.

\*\*Black Viega PureFlow PEX sizes  $\frac{3}{4}$ " through 2" only.

For more specific information on applications for PureFlow systems, contact Viega Technical Services at 1-800-976-9819.

### Recommended Tools:

- RIDGID RP 240-B ( $\frac{5}{16}$ " to 1½")
- RIDGID RP 241-B ( $\frac{5}{16}$ " to 1½")
- RIDGID RP 340 (½" to 2")
- Viega PureFlow Press Hand Tools ( $\frac{5}{16}$ " to 1")

## Smart Connect® Technology

Viega PureFlow Press Polymer fittings are manufactured with Viega's patented Smart Connect technology. Designed into the fitting itself, Viega Smart Connect technology allows identification of an unpressed fitting during pressure testing.



Zero Lead identifies Viega products meeting the lead free requirements of NSF 61-G through testing under NSF/ANSI 372 (0.25% or less maximum weighted average lead content.)



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.**

### Viega LLC

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SD-PF 0419 PureFlow Press Fittings

