

## System Data Sheet

### System Description

ProPress<sup>®</sup>, ProPress XL<sup>™</sup> and ProPress XLC are safe, reliable, and economical copper pipe installation systems that use modern cold press connection technology for a wide assortment of more than 500 fittings in dimensions ranging from 1/2" to 4".

Tubing: K, L, and M hard copper tubing from 1/2" to 4" and soft copper tubing in 1/2" to 1-1/4" diameters.

### Applications

All tubing must comply with the ASTM B88 standard. 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.

### Operating Parameters:

Operating Pressure 200 PSI Max.  
 Test Pressure 600 PSI Max.  
 Low Pressure Steam 15 PSI Max.  
 Vacuum 29.2" Mercury Max. @ 68°F  
 Operating Temperature 0°F - 250°F

### Approved Applications:

- Potable water
- Hydronic heating (w/ Glycol)
- Chilled water
- Compressed Air (200 PSI Max.)
- Non Medical Gases (140 PSI Max.)
- Fire Sprinkler (175 PSI Max.)
- Low Pressure Steam (15 PSI Max.)
- Vacuum (29.2" Mercury Max. @ 68°F)

### System Benefits

- Fast and Easy to Use
- Flameless
- Permanent Connections
- Wide Capacity from 1/2" to 4"
- Large Selection of Fittings
- Consistent Professional Appearance
- Less Equipment Required
- Environmentally Friendly Connection System
- Versatility of Fittings and Tools for Variety of Applications

### Fittings

Viega ProPress fittings are offered in 500+ configurations including: Elbows, Couplings, Reducers, Tees, Reducing Tees, Threaded Adapters, Unions, Caps, and Flanges. All threaded 1/2" - 2" fittings are bronze. ProPress and ProPress XLC fittings contain 0% lead in accordance with California AB 1953 and NSF 61 Annex G.

### Smart Connect<sup>™</sup> (SC Feature)

In ProPress 1/2" - 4" dimensions, the Smart Connect Feature assures leakage of liquids and/or gases from inside the system past the sealing element of an unpressed connection. The function of this feature is to provide the installer quick and easy identification of connections which have not been pressed prior to putting the system into operation.

RIDGID Pressing Tools			
Model	330C	330B	210B
Volts	120v	14.4v Battery	18v Battery
Amps	5.2A	27.2A	24A
Weight (w/out jaw)	9 lbs.	10 lbs.	6.4 lbs.

### Tools

RIDGID offers three pressing tools for connecting ProPress fittings.

- 330-C Corded Tool (1/2" to 4")
- 330-B Battery powered Tool (1/2" to 4")
- 210-B Battery powered Tool (1/2")
- 1/2" to 4" fittings are pressed in 4-7 sec.

### History

ProPress has been used in Europe since the late 1980s and in the U.S. since the late 1990s for a variety of applications. Backed by two plumbing leaders with over 175 years of combined excellence.

### Warranty

Viega ProPress products carry a 50-year warranty against defects in material and workmanship. The RIDGID Lifetime Warranty applies to tools, jaws and crimp rings from Ridge Tool Company.

### Approvals and Certificates

#### NSF International

[www.nsf.org/business/search\\_listings/index.asp#mname](http://www.nsf.org/business/search_listings/index.asp#mname) (enter "Viega")

#### IAPMO

<http://pld.iapmo.org/> (enter "Viega")

#### UL

<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/gfilenbr.html> (enter "ex6157")

#### ABS

(American Bureau of Shipping)  
<http://www.eagle.org/typeapproval/contents.html> (enter "Viega")

#### CSA International

<http://www.csa-international.org/product/> (enter "Viega")

#### FM

#### INTERNATIONAL APPROVALS

- Deutsch Verein des Gas-und Wasserfachese.V. (DVGW)
- Lloyd's Register (LLOYD'S)
- Det Norske Veritas (DNV)
- Registro Italiano Navale (RINA)
- Bureau Veritas (BV)
- KIWA

#### Compliant with

- ICC International Plumbing Code
- UPC Uniform Plumbing Code
- PHCC National standard plumbing code
- Florida Building Code, Volume I/Plumbing Code
- NFPA 13,13D, and 13R

Contact your local Viega or RIDGID representative for details on local approvals

#### For more information on RIDGID products contact:

Ridge Tool Company  
 400 Clark Street, Elyria, Ohio 44036  
 Demos, Literature: 800-769-7743  
 Technical inquiries: 800-519-3456  
 Availability: 888-743-4333  
 Web: [www.ridgid.com](http://www.ridgid.com)

**Viega... The global leader in plumbing and heating systems.**

301 N. Main, 9th Floor • Wichita, KS 67202 • Ph: 800-976-9819 • Fax: 800-976-9817 • E-Mail: [service@viega.com](mailto:service@viega.com) • [www.viega.com](http://www.viega.com)

# ProPress Warranty

The Viega logo consists of the word "viega" in a white, lowercase, sans-serif font, centered within a solid black rectangular box.

## **VIEGA LLC LIMITED WARRANTY PROPRESS® FITTINGS AND VALVES**

Subject to the conditions and limitations in this Limited Warranty, Viega LLC (VIEGA) warrants to wholesalers and licensed plumbing and mechanical contractors in the United States and Canada that its PROPRESS fittings, when properly installed in non industrial and non marine applications and under normal conditions of use, will be free of failure from manufacturing defect for a period of fifty (50) years from date of installation and that its PROPRESS valves, when properly installed in non industrial and non marine applications and under normal conditions of use, will be free of failure from manufacturing defect for a period of two (2) years from date of installation.

Under this Limited Warranty, you only have a right to a remedy if the failure or leak resulted from a manufacturing defect in the products covered by this warranty and the failure or leak occurred during the warranty period. You do not have a remedy under this warranty and the warranty does not apply if the failure or any resulting damage is caused by (1) components other than those manufactured or sold by Viega; (2) not designing, installing, inspecting, or testing the ProPress fittings or valves in accordance with Viega's installation instructions in effect at the time of the installation; applicable code requirements; and accepted industry practice; (3) improper handling and protection of the product prior to and during installation, inadequate freeze protection, exposure to water pressures or temperatures or in applications outside acceptable operating conditions; (4) acts of nature such as, but not limited to, earthquakes, fire, flood, or lightning, or (5) external environmental causes, such as water quality variations, aggressive water, or other external chemical or physical conditions.

In the event of a leak or other failure of the parts covered by this warranty, it is the responsibility of the property owner to obtain and pay for repairs. Only if the warranty applies will Viega be responsible for the remedy under this warranty. The part or parts which you claim failed should be kept and Viega contacted by writing to the address below or telephoning 1-877-843-4262 within thirty (30) days after the leak or other failure and identifying yourself as having a warranty claim. You should be prepared to ship, at your expense, the product which you claim failed due to a manufacturing defect and document the date of installation. Within a reasonable time after receiving the product, Viega will investigate the reasons for the failure, which includes the right to inspect the product at Viega. Viega will notify you in writing of the results of its review.

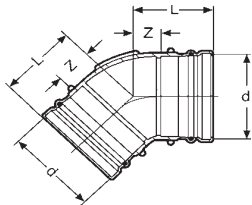
In the event that Viega determines that the failure or leak was the result of a manufacturing defect in the part covered by this warranty and that this warranty applies, the EXCLUSIVE AND ONLY REMEDY under this warranty shall be the reimbursement for repair and/or replacement of the part. VIEGA SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR OTHER DAMAGE (FOR EXAMPLE, WATER OR PROPERTY OR MOLD REMEDIATION) UNDER ANY LEGAL THEORY AND WHETHER ASSERTED BY DIRECT ACTION, FOR CONTRIBUTION OR INDEMNITY OR OTHERWISE.

THE ABOVE WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. If a limited warranty shall be found to apply, such warranty is limited to four years. Other than this Limited Warranty, Viega does not authorize any person or firm to create for it any other obligation or liability in connection with its products.

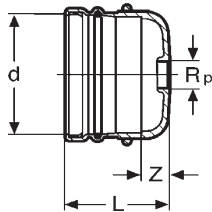
This Limited Warranty gives you specific legal rights and you also may have other rights which may vary from state to state. This warranty shall be interpreted and applied under the law of the state in which the product is installed and is intended as a Commercial Warranty.

ProPress Warranty 0408

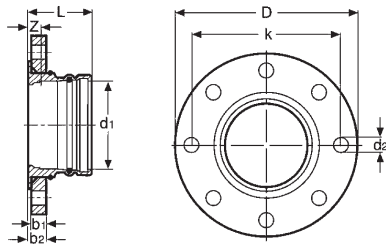
## Dimensional Documentation



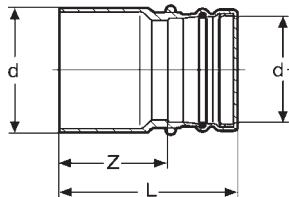
Elbow 45° P x P				
Stock Code	Material	Size	Z (in)	L (in)
		d		
91417	Bronze	2-1/2"	1.083	3.248
91422	Bronze	3"	1.181	3.346
91427	Bronze	4"	1.358	3.917



Cap P				
Stock Code	Material	Size	Z (in)	L (in)
		d Rp		
91432	Bronze	2-1/2" x 3/4" NPT	0.827	2.992
91437	Bronze	3" x 3/4" NPT	0.846	3.012
91442	Bronze	4" x 3/4" NPT	0.945	3.504



Adapter Flange P x Flan									
Stock Code	Material	Size	Z (in)	L (in)	b1 (in)	b2 (in)	k (in)	D (in)	d2 (in)
		d1							
19728	Bronze	2-1/2"	0.984	3.091	0.787	0.827	5.512	7.087	0.748
19733	Bronze	3"	1.024	3.150	0.787	0.906	5.984	7.480	0.748
19738	Bronze	4"	0.630	3.150	0.807	0.906	7.520	9.055	0.748



Reducer FTG x P				
Stock Code	Material	Size	Z (in)	L (in)
		d d1		
91452	Bronze	4" x 2-1/2"	3.150	4.567
91472	Bronze	3" x 2-1/2"	2.819	4.921
91457	Bronze	4" x 3"	3.031	4.606

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