

1 System Data Sheet

PureFlow Crimp



Viega PureFlow Crimp fittings are available in ECO Brass and polymer materials with excellent chlorine- and corrosion resistant properties.

PureFlow Crimp fittings are available in sizes $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ " and 1" in elbows, tees, adapters, couplings, PolyAlloy manifolds, and valves.

Components

- Eco Brass fittings use zero-lead alloy
- PolyAlloy fittings use performance-grade polymer (polyphenylsulfone)
- Copper crimp rings

Operating Parameters

- Operating Temperature: 180°F max (potable)
- Operating Pressure: 160 psi max at 73°F
100 psi max at 180°F
- Test Pressure: Recommended: 100 psi
Maximum: 160 psi

Listings and Certifications

- | | |
|-----------------------|------------------------|
| ■ ASTM E84 | ■ CSA B137.5 |
| ■ ASTM F1807 | ■ HUD MR-1276 |
| ■ ASTM F2159 | ■ ICC-ES PMG 1038/1015 |
| ■ CAN/ULC S101/S102.2 | ■ NSF-pw 372 |

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

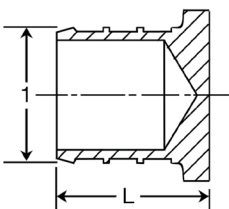
For more specific information on applications for PureFlow systems, contact Viega Technical Services at 1-800-976-9819.

Viega's PureFlow systems meet or exceed all requirements of ASTM F876/877 and are approved for installations above and below ground.

Recommended Tools

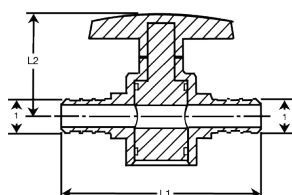
- Viega PureFlow Crimp Hand Tools ($\frac{3}{8}$ " to 1")

Viega PureFlow Crimp Test Plug Zero Lead PolyAlloy - Model V5058



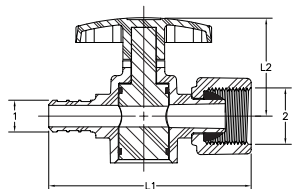
Part No.	Size (in) 1	L (in)
43702	$\frac{3}{8}$	0.76
43723	$\frac{1}{2}$	0.76
43744	$\frac{3}{4}$	0.95
43765	1	1.13

Viega PureFlow Crimp Valve Zero Lead PolyAlloy ¼ Turn - Model V5236



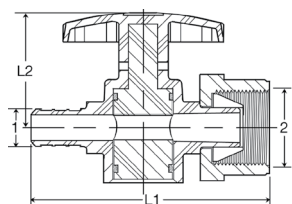
Part No.	Size (in) 1	L1 (in)	L2 (in)
43030	$\frac{1}{2}$	2.83	1.45
43040	$\frac{3}{4}$	3.00	1.45

Viega PureFlow Crimp Stop Valve Straight Zero Lead PolyAlloy Crimp x Lav ¼ Turn - Model V5036.30



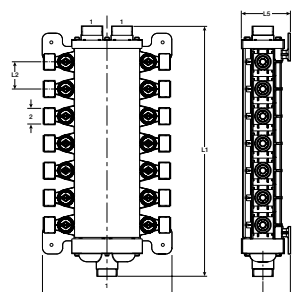
Part No.	Size (in) 1 2	L1 (in)	L2 (in)
43023	$\frac{3}{8}$ x $\frac{1}{2}$ Lav	3.00	1.45

Viega PureFlow Crimp Stop Valve Straight Zero Lead PolyAlloy Crimp x Closet ¼ Turn - Model V5036.31



Part No.	Size (in) 1 2	L1 (in)	L2 (in)
43002	$\frac{3}{8}$ x $\frac{1}{2}$ Closet	3.00	1.45
43003	$\frac{1}{2}$ x $\frac{1}{2}$ Closet	3.00	1.45

Viega ManaBloc Distribution Manifold Zero Lead Crimp - Model V5030.5



Part No.	Size (in) 1 2	Ports	L1 (in)	L2 (in)	L3 (in)	L4 (in)	L5 (in)
50244	1 x $\frac{5}{8}$ NPSM	12	13.76	1.68	8.00	1.70	3.00
50143	1 x $\frac{5}{8}$ NPSM	14	15.44	1.68	8.00	1.70	3.00
51618	1 x $\frac{5}{8}$ NPSM	18	18.80	1.68	8.00	1.70	3.00
50243	1 x $\frac{5}{8}$ NPSM	24	23.78	1.68	8.00	1.70	3.00
50303	1 x $\frac{5}{8}$ NPSM	30	28.88	1.68	8.00	1.70	3.00
50363	1 x $\frac{5}{8}$ NPSM	36	33.92	1.68	8.00	1.70	3.00