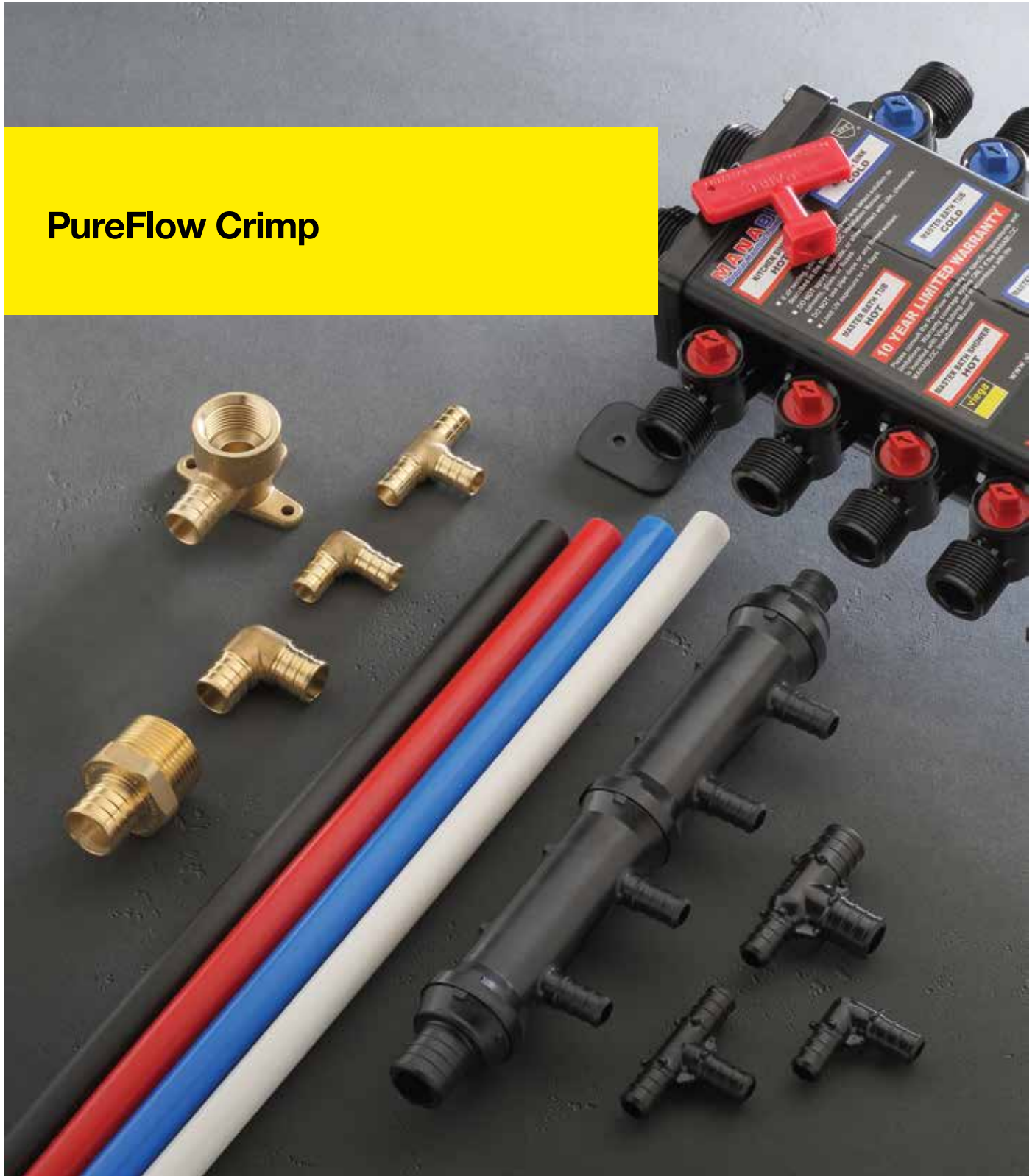


## PureFlow Crimp



## PureFlow Crimp

With the reliability and quality required for potable water, Viega PureFlow Crimp fittings are part of Viega's complete plumbing solution. Matched with the revolutionary Viega ManaBloc water distribution system and the highest-rated PEX tubing in the industry (according to industry standards), Viega PureFlow Crimp fittings are a time-tested method for joining PEX.

### FEATURES AND BENEFITS

- EcoBrass fittings provide better corrosion resistance than other brass fittings
- High-performance polyalloy fittings are made in the USA
- Peace of mind from durable materials and quality manufacturing
- Available in sizes  $\frac{3}{8}$ " to 1"
- 25-year limited warranty

### CODES AND STANDARDS

- CSA B214: Installation Code for Hydronic Heating Systems
- IAPMO: California Plumbing Code (CPC)
- IAPMO: National Standard Plumbing Code (NSPC)
- IAPMO: Uniform Mechanical Code (UMC)
- IAPMO: Uniform Plumbing Code (UPC)
- IAPMO: Uniform Solar, Hydronics and Geothermal Code (USHGC)
- ICC: International Mechanical Code (IMC)
- ICC: International Plumbing Code (IPC)
- ICC: International Residential Code (IRC)
- National Building Code of Canada (NBCC)
- National Plumbing Code of Canada (NPCC)

### LISTINGS AND CERTIFICATIONS

- ASTM E84: Standard Test Method for Surface Burning Characteristics of Building Materials
- ASTM F876: Standard Specification for Cross-linked Polyethylene (PEX) Tubing
- ASTM F877: Standard Specification for Cross-linked Polyethylene (PEX) Water Distribution System
- ASTM F1807/F2159: Standard Specification for Cross-linked Polyethylene (PEX) Insert Fittings
- ASTM F2023: Standard Test Method for Evaluating the Oxidative Resistance of Cross-linked Polyethylene PEX Tubing and Systems to Hot Chlorinated Water
- AWWA C904: Cross-linked Polyethylene (PEX) Pressure Pipe for Water Service
- CAN/ULC S101: Standard Method of Test for Surface Burning Characteristics
- CAN/ULC S102.2: Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies
- CSA B137.5: Standard Specification for PEX Tubing Systems in Pressure Applications
- HUD MR1276: Housing and Urban Development Materials Release
- IAPMO file 3700 (Potable Water Distribution Manifold)
- IAPMO file 4030 Cross-linked Polyethylene Water Distribution System (PEX)
- IAPMO file 4874 (FostaPEX)
- ICC-ES PMG-1038 (PureFlow)
- NSF/ANSI 14: Plastics Piping System Components and Related Materials
- NSF/ANSI/CAN 61: Drinking Water Systems Components – Health Effects

- NSF/ANSI 372: Drinking Water Systems Components – Lead Content
- UL 1821: Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service
- UL 2846: Fire Test of Plastic Water Distribution Plumbing Pipe for Visible Flame and Smoke Characteristics

### 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

Crimp rings are not sold with any PureFlow Crimp product unless otherwise specified.


**Viega PureFlow PEX tubing**

- For reclaimed water
- Not suitable for potable water applications
- PEX
- Coil

**Technical Data**

PEX designation code 5006

ASTM F876, ASTM F877

**Model V5009.7**

| d   | L [ft] | Version | Wt [lb] | Quantity | Part No                  | DG |
|-----|--------|---------|---------|----------|--------------------------|----|
| 1/2 | 300    | purple  | 17.100  | 1        | <b>32911<sup>1</sup></b> | 1  |
| 3/4 | 300    | purple  | 32.100  | 1        | <b>32912<sup>1</sup></b> | 1  |
| 1   | 300    | purple  | 51.000  | 1        | <b>32913<sup>1</sup></b> | 1  |

<sup>1)</sup> center pull coil


**Viega PureFlow PEX tubing**
**Sleeved**

- PEX
- Coil

**Note**

HDPE sleeve

ASTM F876, ASTM F877

**Model V5001.2**

| d   | L [ft] | Version | Wt [lb] | Quantity | Part No      | DG |
|-----|--------|---------|---------|----------|--------------|----|
| 1/2 | 100    | white   | 12.000  | 1        | <b>33830</b> | 1  |
| 3/4 | 100    | white   | 19.000  | 1        | <b>33831</b> | 1  |
| 1   | 100    | white   | 32.000  | 1        | <b>33832</b> | 1  |


**Viega PureFlow PEX tubing**
**Corrugated sleeving**

- PEX
- Coil

**Note**

Polypropylene sleeve

ASTM F876, ASTM F877

**Model V5009.8**

| d   | L [ft] | Version | Wt [lb] | Quantity | Part No      | DG |
|-----|--------|---------|---------|----------|--------------|----|
| 1/2 | 300    | blue    | 33.900  | 1        | <b>32813</b> | 1  |
| 1/2 | 300    | red     | 33.900  | 1        | <b>32812</b> | 1  |
| 3/4 | 300    | blue    | 54.900  | 1        | <b>32811</b> | 1  |
| 3/4 | 300    | red     | 54.900  | 1        | <b>32810</b> | 1  |

**Elbows**

**Viega PureFlow Crimp 90° elbow**
**Zero Lead**

- Brass
- Crimp connection

**Model V5016ZL**

| Crimp1 | Crimp2 | Wt [lb] | Quantity | Part No      | DG |
|--------|--------|---------|----------|--------------|----|
| 3/8    | 3/8    | 0.047   | 50       | <b>46922</b> | 2  |
| 1/2    | 1/2    | 0.045   | 50       | <b>46933</b> | 2  |
| 3/4    | 1/2    | 0.080   | 25       | <b>46243</b> | 2  |
| 3/4    | 3/4    | 0.080   | 25       | <b>46944</b> | 2  |
| 1      | 1      | 0.147   | 10       | <b>46955</b> | 2  |


**Viega PureFlow Crimp 90° elbow**
**Zero Lead**

- PolyAlloy
- Crimp connection

**Model V5216**

| Crimp1 | Crimp2 | Wt [lb] | Quantity | Part No      | DG |
|--------|--------|---------|----------|--------------|----|
| 3/8    | 3/8    | 0.007   | 50       | <b>43210</b> | 3  |
| 1/2    | 1/2    | 0.010   | 50       | <b>43220</b> | 3  |
| 3/4    | 1/2    | 0.016   | 25       | <b>43242</b> | 3  |
| 3/4    | 3/4    | 0.021   | 25       | <b>43240</b> | 3  |
| 1      | 1      | 0.046   | 10       | <b>43260</b> | 3  |


**Viega PureFlow Crimp 90° elbow**
**Zero Lead**

- Brass
- Crimp connection, male pipe thread

**Model V5014ZL**

| Crimp | MPT | Wt [lb] | Quantity | Part No      | DG |
|-------|-----|---------|----------|--------------|----|
| 1/2   | 3/8 | 0.140   | 10       | <b>46232</b> | 2  |
| 1/2   | 1/2 | 0.207   | 10       | <b>46821</b> | 2  |


**Viega PureFlow Crimp 90° elbow**
**Drop ear**
**Zero Lead**

- Brass
- Crimp connection, female pipe thread

**Model V5027ZL**

| Crimp | FPT | Wt [lb] | Quantity | Part No      | DG |
|-------|-----|---------|----------|--------------|----|
| 1/2   | 1/2 | 0.182   | 10       | <b>46233</b> | 2  |
| 3/4   | 3/4 | 0.288   | 10       | <b>46244</b> | 2  |