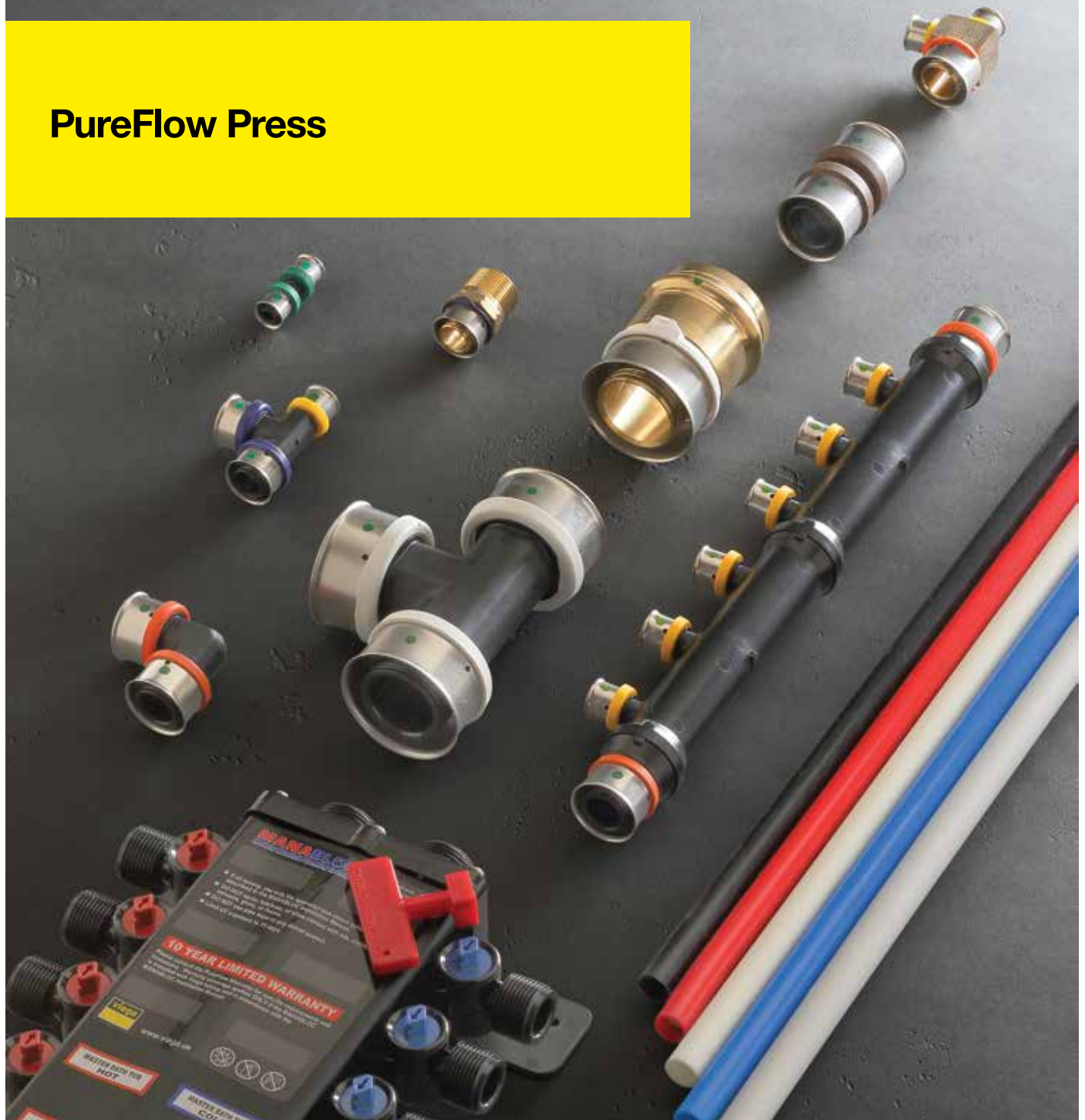


PureFlow Press



3.1

viega

PureFlow Press

Known for forward-thinking system solutions, Viega offers complete plumbing systems for potable water. By combining the highest-rated PEX tubing on the market (according to industry standards) with the revolutionary Viega ManaBloc and press manifolds, as well as press fittings, the Viega PureFlow System saves time, labor and cost. The first press system for the PEX market, Viega PureFlow Press fittings have factory-attached sleeves that improve consistency and reduce installation errors.

Available in high-performance polymer and Viega Zero Lead bronze, Viega PureFlow Press fittings are ideal for residential and commercial jobs. Viega also offers fittings for easy copper-to-PEX transitions; and system-matched tools and jaws make installation easy and consistent. Viega PureFlow also includes the versatile Viega FostaPEX multilayered tubing designed to be both highly flexible and form stable to retain its shape for plumbing and radiant heating applications.

FEATURES AND BENEFITS

- The original press fitting for PEX tubing
- Factory-assembled fittings with attached stainless steel sleeves reduce installation errors
- Available in sizes from 3/8" to 2"
- The only PEX fittings with Viega Smart Connect technology
- 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 F2023: Standard Test Method for Evaluating the Oxidative Resistance of Cross-linked Polyethylene PEX Tubing and Systems to Hot Chlorinated Water
- ASTM F3347: Standard Specification for Metal Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing
- ASTM F3348: Standard Specification for Plastic Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing
- ASTM F876: Standard Specification for Cross-linked Polyethylene (PEX) Tubing
- ASTM F877: Standard Specification for Cross-linked Polyethylene (PEX) Water Distribution System
- 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)
- NFPA 13D: Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes
- 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
- NSF/ANSI 359: Valves for Cross-linked Polyethylene (PEX) Water Distribution Tubing Systems
- UL/ANSI 1821: Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service
- UL/ANSI 263: Fire Tests of Building Construction and Materials
- UL 1821: Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service under Listings and Certifications
- 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

A green dot on a Viega PureFlow Press polymer fitting indicates Smart Connect technology.


**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	32813	1
1/2	300	red	33.900	1	32812	1
3/4	300	blue	54.900	1	32811	1
3/4	300	red	54.900	1	32810	1

Elbows

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

- Bronze
- Press connection

Model 2816ZL

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.086	10	93520	6
3/4	3/4	0.156	10	93540	6
1	1	0.212	10	93560	6
1 1/4	1 1/4	0.359	5	93570	6
1 1/2	1 1/2	0.450	5	93580	6
2	2	1.594	1	93590	6


**Viega PureFlow Press 90° elbow
Smart Connect technology**

- Polymer
- Press connection

Model V5616

P1	P2	Wt [lb]	Quantity	Part No	DG
3/8	3/8	0.023	25	49210	6
1/2	1/2	0.029	25	49220	6
3/4	3/4	0.047	25	49240	6
1	1	0.080	10	49260	6
1 1/4	1 1/4	0.171	5	49270	6
1 1/2	1 1/2	0.220	5	49280	6
2	2	0.377	1	49290	6


**PureFlow Press 45° elbow
Smart Connect technology**

- Polymer
- Press connection

Model V5626

P1	P2	Wt [lb]	Quantity	Part No	DG
1 1/2	1 1/2	0.235	1	49285	6
2	2	0.300	1	49286	6


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

- Bronze
- Press connection, male pipe thread

Model 2814ZL

P	MPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.202	10	92520	6
1/2	3/4	0.315	10	92525	6
3/4	3/4	0.313	10	92540	6
3/4	1	0.748	10	92545	6
3/4	1 1/4	1.210	2	92565	6
1	1	0.743	10	92560	6
1	1 1/4	1.201	2	92570	6
1 1/4	1 1/4	1.270	2	92757	6
1 1/2	1 1/2	1.415	2	92580	6
2	2	2.870	2	92590	6


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

- Bronze
- Press connection, female copper tube size

Model 2814.5ZL

P	C	Wt [lb]	Quantity	Part No	DG
1/2	3/4	0.333	10	99308	6
3/4	3/4	0.322	10	99309	6


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

- Bronze
- Press connection, street

Model 2814.6ZL

P	FTG (CTS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.178	10	99310	6

FTG (CTS) = TEST



Lock clip
- Plastic
Model 2863US

for d	Wt [lb]	Quantity	Part No	DG
$\frac{5}{16}$	0.004	100	58070	4
$\frac{3}{8}$	0.014	100	58071	2
$\frac{1}{2}$	0.016	100	58072 ¹⁾	2
$\frac{3}{4}$	0.019	50	58073	2
1	0.024	50	58074	2
$1\frac{1}{4}$	0.030	50	58075	2
$1\frac{1}{2}$	0.035	25	58076	2
2	0.050	15	58077	2

¹⁾ Suitable for Viega Barrier PEX tubing Part No 11445, 11450



Multi-clip
- Plastic
Components
Mounting screw
Model 2867US

max d	Wt [lb]	Quantity	Part No	DG
1	0.029	100	52006	2
2	0.090	50	52007	2



Mat clip
- Suitable for Viega Climate Mat
Model 2809.1US, 2809.2US
- Plastic
Model 2809.3US

d	Wt [lb]	Quantity	Part No	DG
$\frac{1}{2}$	0.005	50	18165	4
$\frac{5}{8}$	0.005	50	18166	4



**Bend support
Drop ear**
- Not suitable for Viega FostaPEX
- Plastic-coated steel
Model 2850.1US

for d	Wt [lb]	Quantity	Part No	DG
$\frac{3}{8}$, $\frac{1}{2}$	0.198	25	50520	2



Bend support
- Not suitable for Viega FostaPEX
- Plastic
Model 2850.2US

for d	Wt [lb]	Quantity	Part No	DG
$\frac{3}{8}$	0.062	25	51000	2
$\frac{1}{2}$	0.083	25	51020	2
$\frac{5}{8}$, $\frac{3}{4}$	0.154	25	51040	2
1	0.280	25	51060	2



Clip
- For wire mesh
- Suitable for Viega Barrier PEX tubing
Part No 11425, 11427, 11430, 11435, 11436, 11440, 11445, 11450
- Plastic
Model 2865.1US

for d	Wt [lb]	Quantity	Part No	DG
$\frac{1}{2}$, $\frac{5}{8}$	0.013	100	15301 ¹⁾	4

¹⁾ Available while supplies last

Elbows



**Viega PureFlow Press 90° elbow
Zero Lead**
- Bronze
- Press connection
Model 2816ZL

P1	P2	Wt [lb]	Quantity	Part No	DG
$\frac{1}{2}$	$\frac{1}{2}$	0.086	10	93520	6
$\frac{3}{4}$	$\frac{3}{4}$	0.156	10	93540	6
1	1	0.212	10	93560	6
$1\frac{1}{4}$	$1\frac{1}{4}$	0.359	5	93570	6
$1\frac{1}{2}$	$1\frac{1}{2}$	0.450	5	93580	6
2	2	1.594	1	93590	6