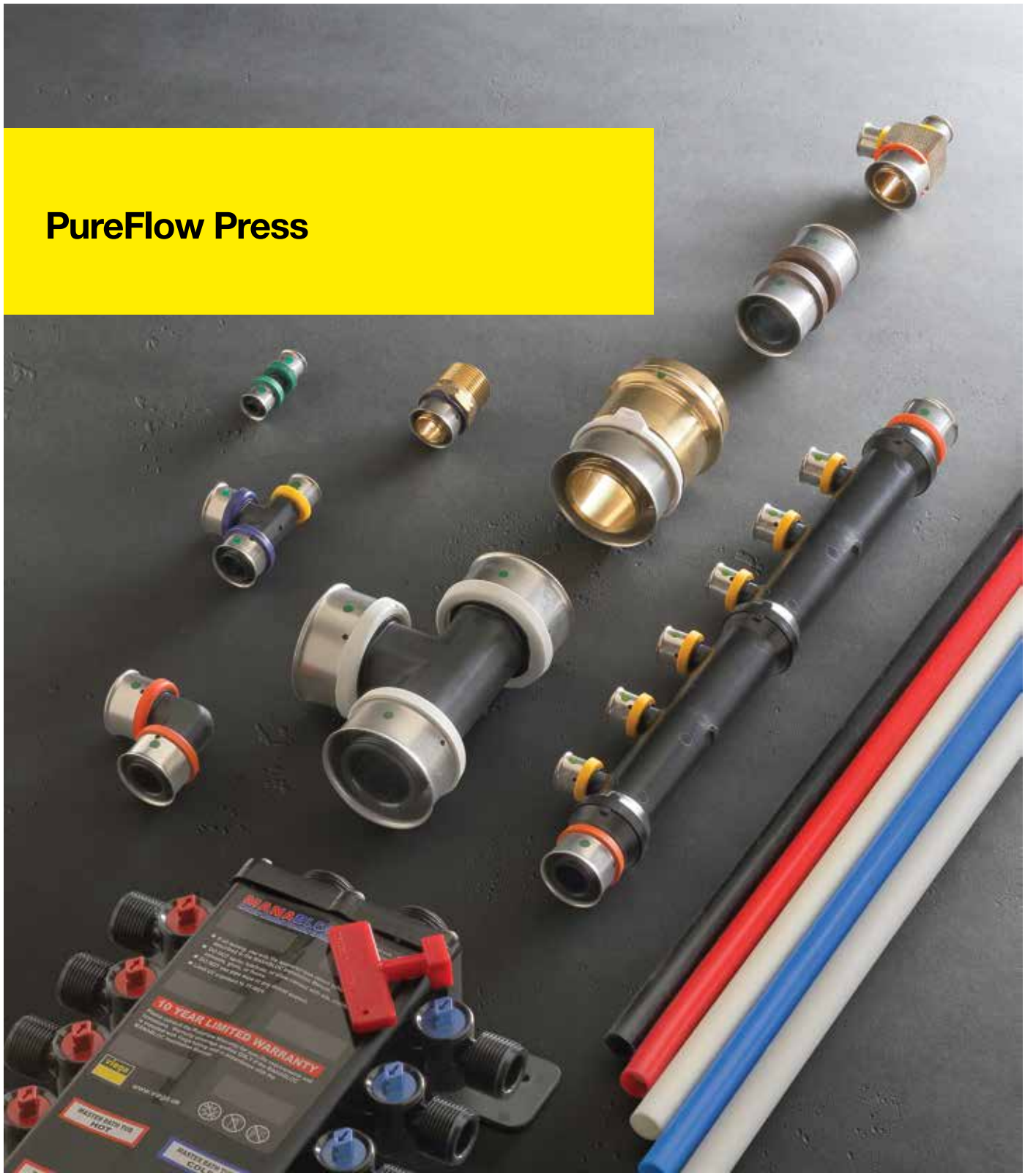
PureFlow Press



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 ⅜" 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 (≤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 ManaBloc access panel
- Metal
- 90 minute fire rating

Components
(2) knurled knobs, (2) keys

Note
Can be mounted to open vertically or horizontally

UL listed

Model V5099.1

W [in]	L [in]	max. Ports	Wt [lb]	Quantity	Part No	DG
14	40	30	26.258	1	**50740**	2

Manifolds

Viega PureFlow Press manifold
Smart Connect technology
- Only use with lock clip Part No 58075
- Polymer
- Press connection
- Flow through

Note
Does not include mounting hardware

Model V5636

Outlet(s)	P1	P2	P3	Wt [lb]	Quantity	Part No	DG
2	¾	¾	½	0.202	10	**49152**	6
3	¾	¾	½	0.255	10	**49153**	6
4	¾	¾	½	0.318	10	**49054**	6
4	1	¾	½	0.330	10	**49254**	6
6	1	1	½	0.455	10	**49256**	6
8	1	1	½	0.576	5	**49258**	6

Viega PureFlow Press manifold
Smart Connect technology
- Only use with lock clip Part No 58075
- Polymer
- Press connection
- Closed

Note
Does not include mounting hardware

Model V5636.1

Outlet(s)	P1	P2	P3	Wt [lb]	Quantity	Part No	DG
4	closed	¾	½	0.300	10	**49004**	6
6	closed	1	½	0.428	10	**49206**	6
8	closed	1	½	0.576	5	**49208**	6

Stub-Outs

Viega PureFlow Press 90° tub elbow
- Brazed copper
- Press connection, street

Model 2820.0ZL

P	FTG (CTS)	L1 [in]	L2 [in]	Wt [lb]	Quantity	Part No	DG
½	½	3	6	0.249	25	**92221**	6

FTG (CTS) = TEST

Viega PureFlow Press 90° stub-out
- Brazed copper
- Press connection, street

Model 2820.1ZL

P	FTG (CTS)	L1 [in]	L2 [in]	Wt [lb]	Quantity	Part No	DG
⅜	½	3½	8	0.306	25	**92406**	6
½	½	3½	8	0.332	25	**92421**	6
¾	¾	3½	8	0.534	25	**92441**	6

FTG (CTS) = TEST

Viega PureFlow Press 90° stub-out
- Brazed copper
- Press connection, street

Components
Wall plate

Model 2820.4ZL

P	FTG (CTS)	L1 [in]	L2 [in]	Wt [lb]	Quantity	Part No	DG
⅜	½	3½	8	0.377	25	**92305**	6
½	½	3½	8	0.325	25	**92321**	6

FTG (CTS) = TEST