

PureFlow Press



3.1



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 (≤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
 - PEX
 - Coil
Technical Data
 PEX designation code 5306
 UV resistance 6 months
ASTM F876, ASTM F877
Model V5003

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
¼	100	white	3.200	1	32011	1
¼	500	white	14.000	1	32015	1
¾	100	white	5.000	1	32001¹	1
¾	500	white	21.000	1	32005¹	1
¾	1000	white	42.000	1	32000	1
½	100	white	6.000	1	32021¹	1
½	300	white	17.100	1	32023¹	1
½	500	white	28.000	1	32025¹	1
½	1000	white	55.000	1	32020¹	1
¾	100	white	11.000	1	32041¹	1
¾	300	white	32.100	1	32043¹	1
¾	500	white	53.000	1	32045¹	1
1	100	white	17.000	1	32061¹	1
1	300	white	51.900	1	32063¹	1
1	500	white	88.000	1	32065	1

¹⁾ center pull coil



ViEga PureFlow PEX tubing
 - PEX
 - Straight length
Technical Data
 PEX designation code 5306
 UV resistance 6 months
ASTM F876, ASTM F877
Model V5003.5

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
½	10	white	0.540	50	33273	1
½	20	white	1.080	50	33020	1
¾	10	white	1.020	25	33276	1
¾	20	white	2.060	25	33045	1
1	20	white	3.420	15	33061	1



ViEga PureFlow PEX tubing
 - PEX
 - Coil
Technical Data
 PEX designation code 5306
 UV resistance 6 months
ASTM F876, ASTM F877
Model V5009

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
½	100	black	5.500	1	32721	1
½	300	black	16.500	1	32723	1
½	500	black	29.000	1	32725	1



ViEga PureFlow PEX tubing
 - PEX
 - Coil
Technical Data
 PEX designation code 5306
 UV resistance 6 months
ASTM F876, ASTM F877, UL listed for NFPA
 13D systems
Model V5009.1

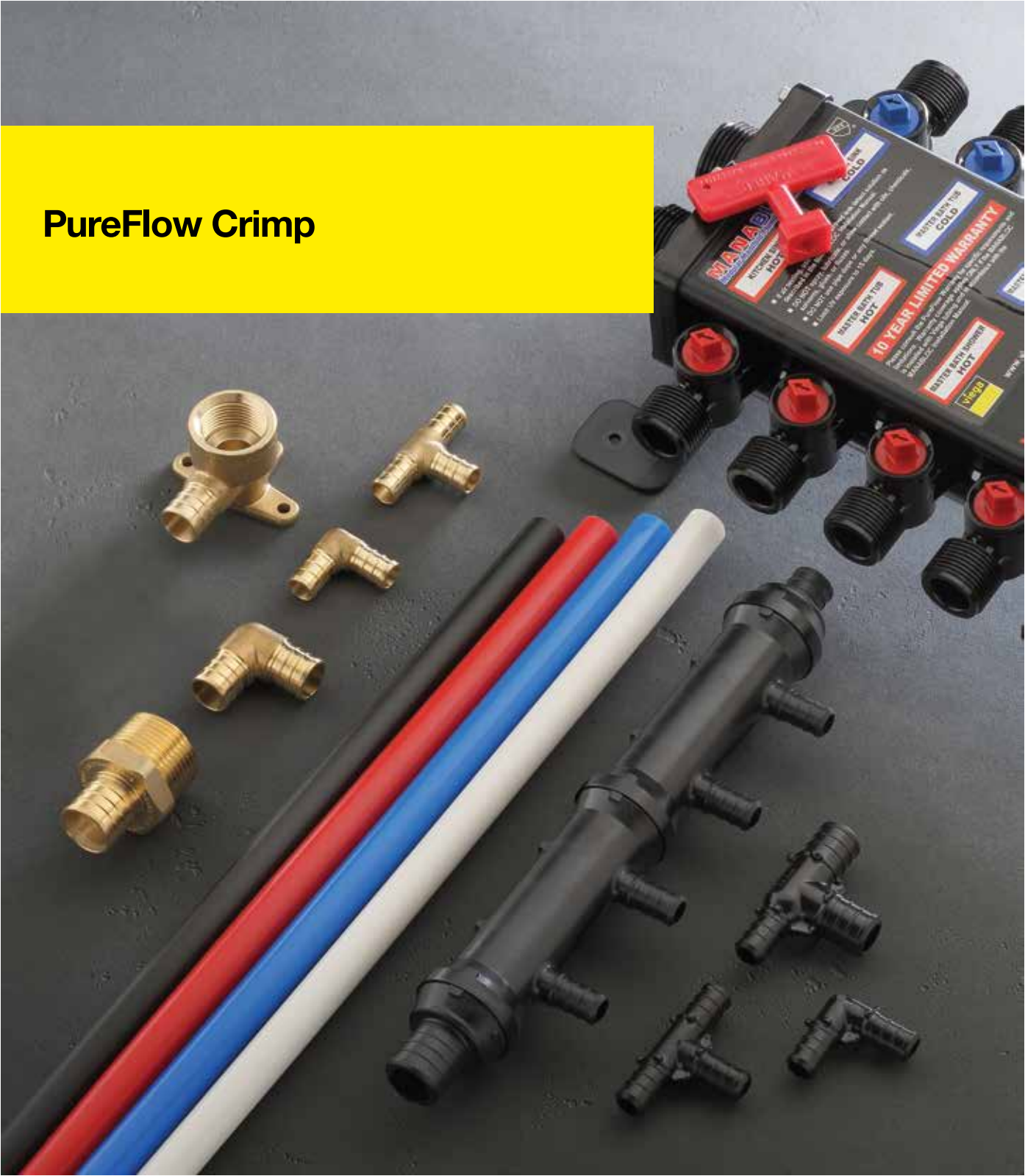
d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
¾	100	black	10.500	1	34741	1
¾	300	black	31.500	1	34743	1
¾	500	black	52.500	1	34745	1
1	100	black	17.400	1	34761	1
1	500	black	87.000	1	34765	1
1¼	100	black	25.500	1	34771	1
1¼	300	black	76.500	1	34773	1
1½	100	black	35.400	1	34781	1
2	100	black	63.000	1	32791	1



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 UV resistance 6 months
ASTM F876, ASTM F877
Model V5009.5

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
½	20	black	1.100	50	33720	1

PureFlow Crimp



3.2

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 3/8" to 1"
- 25-year limited warranty

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- ICC: International Residential Code (IRC)
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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
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- 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

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NOTE

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



ViEGA PureFlow PEX tubing
 - PEX
 - Coil
Technical Data
 PEX designation code 5306
 UV resistance 6 months
ASTM F876, ASTM F877
Model V5003

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
¼	100	white	3.200	1	32011	1
¼	500	white	14.000	1	32015	1
¾	100	white	5.000	1	32001¹⁾	1
¾	500	white	21.000	1	32005¹⁾	1
¾	1000	white	42.000	1	32000	1
½	100	white	6.000	1	32021¹⁾	1
½	300	white	17.100	1	32023¹⁾	1
½	500	white	28.000	1	32025¹⁾	1
½	1000	white	55.000	1	32020¹⁾	1
¾	100	white	11.000	1	32041¹⁾	1
¾	300	white	32.100	1	32043¹⁾	1
¾	500	white	53.000	1	32045¹⁾	1
1	100	white	17.000	1	32061¹⁾	1
1	300	white	51.900	1	32063¹⁾	1
1	500	white	88.000	1	32065	1

¹⁾ center pull coil



ViEGA PureFlow PEX tubing
 - PEX
 - Straight length
Technical Data
 PEX designation code 5306
 UV resistance 6 months
ASTM F876, ASTM F877
Model V5003.5

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
½	10	white	0.540	50	33273	1
½	20	white	1.080	50	33020	1
¾	10	white	1.020	25	33276	1
¾	20	white	2.060	25	33045	1
1	20	white	3.420	15	33061	1



ViEGA PureFlow PEX tubing
 - PEX
 - Coil
Technical Data
 PEX designation code 5306
 UV resistance 6 months
ASTM F876, ASTM F877
Model V5009

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
½	100	black	5.500	1	32721	1
½	300	black	16.500	1	32723	1
½	500	black	29.000	1	32725	1



ViEGA PureFlow PEX tubing
 - PEX
 - Coil
Technical Data
 PEX designation code 5306
 UV resistance 6 months
ASTM F876, ASTM F877, UL listed for NFPA
 13D systems
Model V5009.1

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
¾	100	black	10.500	1	34741	1
¾	300	black	31.500	1	34743	1
¾	500	black	52.500	1	34745	1
1	100	black	17.400	1	34761	1
1	500	black	87.000	1	34765	1



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 UV resistance 6 months
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Model V5009.5

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
½	20	black	1.100	50	33720	1



ViEGA PureFlow PEX tubing
 - PEX
 - Straight length
Technical Data
 PEX designation code 5306
 UV resistance 6 months
ASTM F876, ASTM F877, UL listed for NFPA
 13D systems
Model V5009.51

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
¾	20	black	2.100	25	35745	1
1	20	black	1.160	15	35761	1