

PureFlow Press



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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.

Tubing



Viega PureFlow PEX tubing

- PEX
- Coil

Technical Data

PEX designation code 5306

UV resistance 6 months

ASTM F876, ASTM F877

Model V5001

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
3/8	100	red	5.000	1	32101¹	1
3/8	500	red	21.000	1	32105¹	1
1/2	100	red	5.800	1	32121¹	1
1/2	300	red	17.100	1	32123¹	1
1/2	500	red	28.000	1	32125¹	1
1/2	1000	red	58.000	1	32120¹	1
3/4	100	red	11.000	1	32141¹	1
3/4	300	red	32.100	1	32143¹	1
3/4	500	red	53.000	1	32145¹	1
1	100	red	16.900	1	33323¹	1
1	300	red	50.700	1	32163¹	1
1	500	red	88.000	1	32165	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 V5001.5

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
1/2	10	red	0.540	50	33272	1
1/2	20	red	1.060	50	33120	1
3/4	10	red	1.020	25	33275	1
3/4	20	red	2.040	25	33145	1
1	20	red	3.420	15	33270	1



Viega PureFlow PEX tubing

- PEX
- Coil

Technical Data

PEX designation code 5306

UV resistance 6 months

ASTM F876, ASTM F877

Model V5002

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
3/8	100	blue	5.000	1	32201¹	1
3/8	500	blue	21.000	1	32205¹	1
1/2	100	blue	5.300	1	32221¹	1
1/2	300	blue	17.100	1	32223¹	1
1/2	500	blue	26.500	1	32225¹	1
1/2	1000	blue	55.000	1	32220¹	1
3/4	100	blue	11.000	1	32241¹	1
3/4	300	blue	32.100	1	32243¹	1
3/4	500	blue	53.000	1	32245¹	1
1	100	blue	17.000	1	32266¹	1
1	300	blue	50.700	1	32263¹	1
1	500	blue	88.000	1	32265	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 V5002.5

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
1/2	10	blue	0.540	50	33274	1
1/2	20	blue	1.060	50	33240	1
3/4	10	blue	1.020	25	33277	1
3/4	20	blue	2.040	25	33265	1
1	20	blue	3.420	15	33271	1



Viega PureFlow PEX tubing

- For installation between studs
- PEX
- ManaPac

Components

Recycled plastic reels

Technical Data

PEX designation code 5306

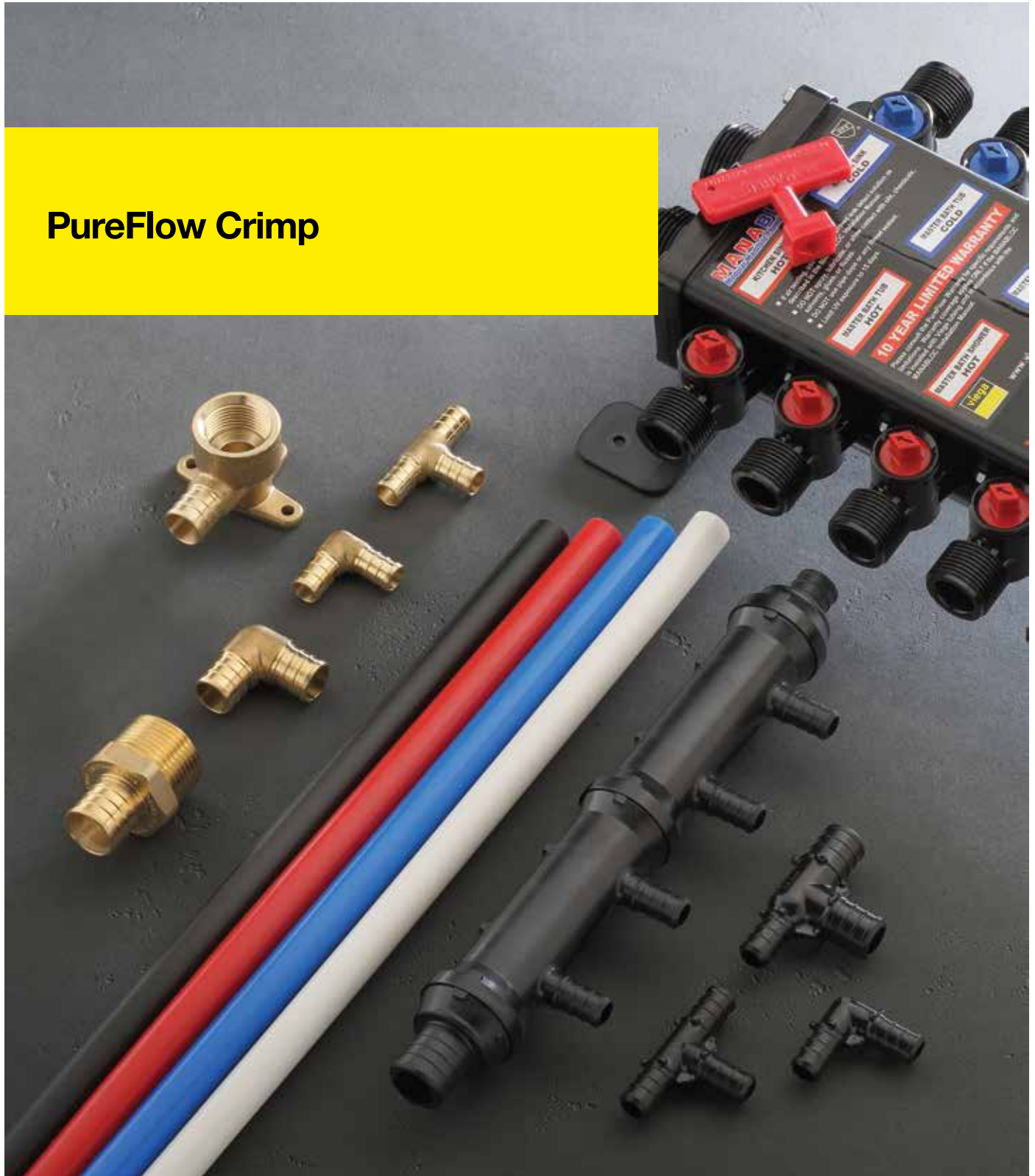
UV resistance 6 months

ASTM F876, ASTM F877

Model V5004

d	L [ft]	Reel(s)	Version	Wt [lb]	Quantity	Part No	DG
3/8	500	1	blue	28.000	1	32905	1
3/8	500	1	red	28.000	1	32805	1
1/2	300	1	blue	23.100	1	32923	1
1/2	300	1	red	23.100	1	32823	1

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

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- 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)
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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
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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

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.

Tubing



Viega PureFlow PEX tubing

- PEX
- Coil

Technical Data

PEX designation code 5306
UV resistance 6 months

ASTM F876, ASTM F877

Model V5001

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
3/8	100	red	5.000	1	32101¹	1
3/8	500	red	21.000	1	32105¹	1
1/2	100	red	5.800	1	32121¹	1
1/2	300	red	17.100	1	32123¹	1
1/2	500	red	28.000	1	32125¹	1
1/2	1000	red	58.000	1	32120¹	1
3/4	100	red	11.000	1	32141¹	1
3/4	300	red	32.100	1	32143¹	1
3/4	500	red	53.000	1	32145¹	1
1	100	red	16.900	1	33323¹	1
1	300	red	50.700	1	32163¹	1
1	500	red	88.000	1	32165	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 V5001.5

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
1/2	10	red	0.540	50	33272	1
1/2	20	red	1.060	50	33120	1
3/4	10	red	1.020	25	33275	1
3/4	20	red	2.040	25	33145	1
1	20	red	3.420	15	33270	1



Viega PureFlow PEX tubing

- PEX
- Coil

Technical Data

PEX designation code 5306
UV resistance 6 months

ASTM F876, ASTM F877

Model V5002

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
3/8	100	blue	5.000	1	32201¹	1
3/8	500	blue	21.000	1	32205¹	1
1/2	100	blue	5.300	1	32221¹	1
1/2	300	blue	17.100	1	32223¹	1
1/2	500	blue	26.500	1	32225¹	1
1/2	1000	blue	55.000	1	32220¹	1
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3/4	300	blue	32.100	1	32243¹	1
3/4	500	blue	53.000	1	32245¹	1
1	100	blue	17.000	1	32266¹	1
1	300	blue	50.700	1	32263¹	1
1	500	blue	88.000	1	32265	1

¹⁾ center pull coil



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1/2	10	blue	0.540	50	33274	1
1/2	20	blue	1.060	50	33240	1
3/4	10	blue	1.020	25	33277	1
3/4	20	blue	2.040	25	33265	1
1	20	blue	3.420	15	33271	1



Viega PureFlow PEX tubing

- For installation between studs
- PEX
- ManaPac

Components

Recycled plastic reels

Technical Data

PEX designation code 5306
UV resistance 6 months

ASTM F876, ASTM F877

Model V5004

d	L [ft]	Reel(s)	Version	Wt [lb]	Quantity	Part No	DG
3/8	500	1	blue	28.000	1	32905	1
3/8	500	1	red	28.000	1	32805	1
1/2	300	1	blue	23.100	1	32923	1
1/2	300	1	red	23.100	1	32823	1