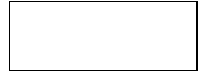


Submittal Package

viega



Viega PolyAlloy PEX Crimp Fittings for Use with Viega PEX Tubing

Project:

Engineer:

Contractor:

Submitted By:

- Potable Water
- Other _____

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Viega PolyAlloy PEX Crimp Fittings for Use with Viega PEX Tubing

Technical Data

Materials:

Fittings.....	PolyAlloy
Crimp Rings.....	Copper (black)
MANABLOC Manifolds.....	Polysulfone (plastic) PolyAlloy fittings
PEX Crimp Poly Manifolds.....	PolyAlloy crimp connections
Valves.....	PolyAlloy
ViegaPEX, ViegaPEX Ultra Tubing.....	PEX (crosslinked polyethylene)

Applications

Viega PEX Crimp zero lead brass and Polyalloy PEX Crimp fittings are intended for use in potable water systems. They can be directly buried in soil but shall be wrapped (fittings used in concrete shall also be wrapped). Fittings are manufactured with Viega PEX Crimp barbs for use with ViegaPEX, ViegaPEX Ultra tubing, crimp rings and tools.

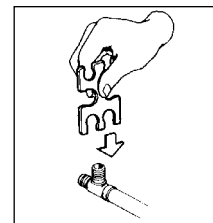
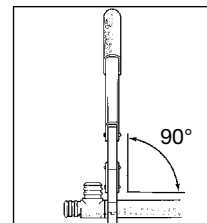
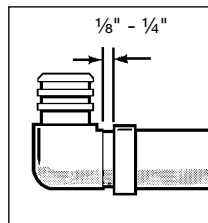
Installation

- Use only ASTM F1807 crimp rings and approved full circle crimp tools to make connections.
- Keep flame and excessive heat away from tubing and connections.
- Refer to the Viega PEX Installation Manual for additional information.

“Zero Lead” identifies Viega products meeting the lead free requirements of California and Vermont law, effective January 1, 2010, as tested and listed against NSF- 61, Annex G.

Codes Approvals & Standards

ANSI/NSF 61-G
cNSF® us pw-G
CSA B137.5
U.P. Code
UPC®
ASTM F876 / F877
ASTM F1807 / F2159
ICC ES-PMG™ 1038



THREE SIMPLE STEPS TO A SECURE VIEGA PEX CRIMP FITTING CONNECTION.

- 1 SLIDE CRIMP RING OVER END OF SQUARED OFF TUBING, FULLY INSERT FITTING INTO TUBING AND POSITION THE RING 1/8" TO 1/4" FROM THE END OF TUBING.
- 2 KEEP THE TOOL AT 90° AND CLOSE THE HANDLES COMPLETELY. DO NOT CRIMP TWICE.
- 3 CHECK CRIMP WITH GO/ NO GO GAUGE.

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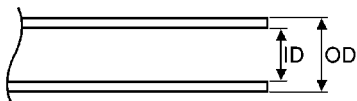
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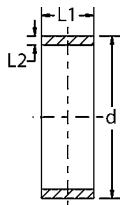
Viega PolyAlloy PEX Crimp Fittings for Use with Viega PEX Tubing

ViegaPEX and ViegaPEX UltraTubing

Material.....PEX crosslinked polyethylene
 Temperature/Pressure Ratings...200°F at 80 psi
 180°F at 100 psi
 73.4°F at 160 psi
 Linear Expansion Rate.....1.1 in./100 ft./10°F



Nominal Size	Inner Diameter	Outer Diameter	Wall Thickness
3/8"	0.35	0.500±.003	0.070±.010
1/2"	0.47	0.625±.004	0.070±.010
3/4"	0.67	0.875±.004	0.097±.010
1"	0.86	1.125±.005	0.125±.013



Zero Lead Copper PEX Crimp Rings

Stock Code	d (size)	L1 (in)	L2 (in)
43600	3/8" SDR9	0.32	0.05
43620	1/2" SDR9	0.32	0.05
43640	3/4" SDR9	0.32	0.05
43660	1" SDR9	0.36	0.04

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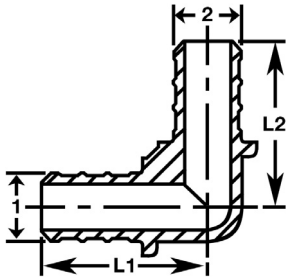
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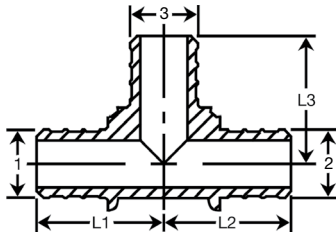
Viega PolyAlloy PEX Crimp Fittings for Use with Viega PEX Tubing

Viega PolyAlloy PEX Crimp Elbows



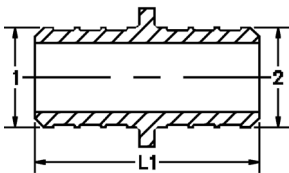
Stock Code	Size		L1 (in)	L2 (in)
	1	2		
43210	3/8"		1.15	1.15
43220	1/2"		1.15	1.15
43242	3/4" x 1/2"		1.25	1.25
43240	3/4"		1.25	1.25
43260	1"		1.53	1.53

Viega PolyAlloy PEX Crimp Tees / Reducing Tees



Stock Code	Size			L1 (in)	L2 (in)	L3 (in)
	1	2	3			
43520	1/2"			1.15	1.15	1.15
43334	1/2" x 1/2" x 3/4"			1.25	1.25	1.15
43540	3/4"			1.25	1.25	1.25
43433	3/4" x 1/2" x 1/2"			1.25	1.15	1.25
43434	3/4" x 1/2" x 3/4"			1.25	1.25	1.25
43443	3/4" x 3/4" x 1/2"			1.15	1.15	1.25
43445	3/4" x 3/4" x 1"			1.30	1.30	1.34
43560	1"			1.53	1.53	1.53
43544	1" x 3/4" x 3/4"			1.37	1.36	1.36
43545	1" x 3/4" x 1"			1.54	1.39	1.54
43553	1" x 1" x 1/2"			1.33	1.33	1.32
43554	1" x 1" x 3/4"			1.33	1.33	1.26

Viega PolyAlloy PEX Crimp Couplings



Stock Code	Size		L(in)
	1	2	
43402	3/8"		1.52
43332	3/8" x 1/2"		1.52
43403	1/2"		1.50
43342	3/8" x 3/4"		1.50
43343	1/2" x 3/4"		1.50
43353	1/2" x 1"		1.70
43404	3/4"		1.50
43354	3/4" x 1"		1.70
43355	1"		1.82

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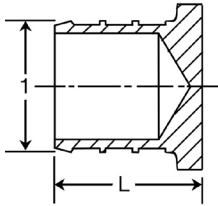
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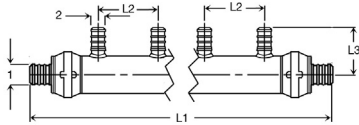
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Viega PolyAlloy PEX Crimp Fittings for Use with Viega PEX Tubing



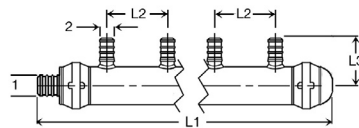
Viega Poly PEX Crimp Test Plugs

Stock Code	Size	L (in)
	1	
43702	3/8"	0.76
43723	1/2"	0.76
43744	3/4"	0.95
43765	1"	1.13



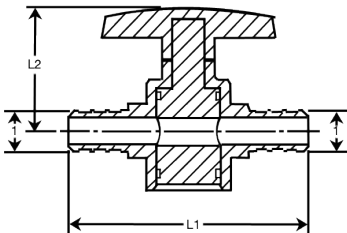
Viega PolyAlloy PEX Crimp Manifold — Flow Through

Stock Code	Size		L1 (in)	L2 (in)	L3 (in)
	1	2			
65152	3/4" x 1/2"	- 2 Outlet	6.5	2	1.55
65153	3/4" x 1/2"	- 3 Outlet	8.5	2	1.55
65154	3/4" x 1/2"	- 4 Outlet	10.5	2	1.55
65254	1" x 3/4" x 1/2"	- 4 Outlet	10.6	2	1.55
65256	1" x 1/2"	- 6 Outlet	14.8	2	1.55
65258	1" x 1/2"	- 8 Outlet	18.8	2	1.55



Viega PolyAlloy PEX Crimp Manifold — Closed

Stock Code	Size		L1 (in)	L2 (in)	L3 (in)
	1	2			
65104	3/4" x 1/2"	- 4 Outlet	10.1	2	1.55
65206	1" x 1/2"	- 6 Outlet	14.3	2	1.55



Viega PolyAlloy PEX Crimp Lav Valve

Stock Code	Size	L1 (in)	L2 (in)
	1		
43030	1/2"	2.83	1.45
43040	3/4"	3.00	1.45

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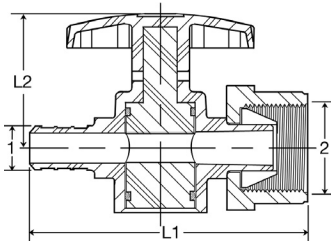
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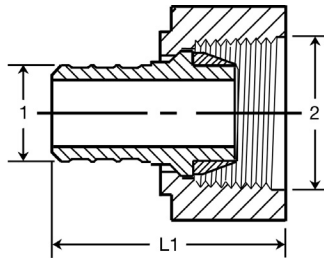
Viega PolyAlloy PEX Crimp Fittings for Use with Viega PEX Tubing

Viega PolyAlloy PEX Crimp Straight Stop Valve Lav / Closet



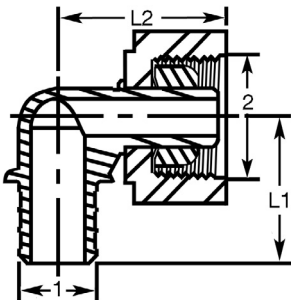
Stock Code	Size		L1 (in)	L2 (in)
	1	2		
43023	3/8" x 1/2" Lav		3.00	1.45
43031	1/2" x 1/2" Lav		3.00	1.45
43002	3/8" x 1/2" Closet		3.00	1.45
43003	1/2" x 1/2" Closet		3.00	1.45

Viega PolyAlloy PEX Crimp Lav Adapters



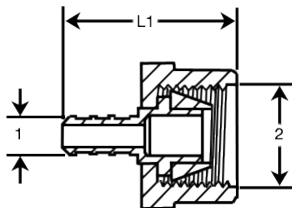
Stock Code	Size		L (in)
	1	2	
43323	3/8" x 1/2" Lav		1.52
43333	1/2" x 1/2" Lav		1.46
43344	3/4" x 3/4" Lav		1.62

Viega PolyAlloy PEX Crimp Lav Elbows



Stock Code	Size		L1 (in)	L2 (in)
	1	2		
43232	3/8" x 1/2" Lav		1.35	1.15
43233	1/2" x 1/2" Lav		1.35	1.15
43244	3/4" x 1/2" Lav		1.42	1.25

Viega PolyAlloy PEX Crimp Closet Adapter



Stock Code	Size		L1 (in)
	1	2	
43300	3/8" x 1/2" Closet		1.60
43320	1/2" x 1/2" Closet		1.60

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