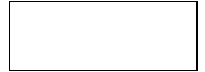


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PureFlow® PEX Crimp Zero Lead Fittings for Use with Viega PureFlow Tubing

Project:

Engineer:

Contractor:

Submitted By:



Potable Water

Other _____

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PureFlow[®] PEX Crimp Zero Lead Fittings for Use with Viega PureFlow Tubing

Technical Data

Materials:

Fittings.....	Eco Brass [®] or Polymer
Crimp Rings.....	Copper (black)
MANABLOC [®] Manifolds.....	Polysulfone (plastic) with Eco Brass or PolyAlloy [™] fittings
PEX Crimp Copper Manifolds.....	Copper with Eco Brass alloy fittings
PEX Crimp Poly Manifolds.....	PolyAlloy crimp connections
Valves.....	Eco Brass and PolyAlloy
ViegaPEX [™] , ViegaPEX Ultra Tubing.....	PEX (crosslinked polyethylene)

Applications

PureFlow 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 PureFlow PEX Crimp barbs for use with ViegaPEX, ViegaPEX Ultra tubing, crimp rings and tools.

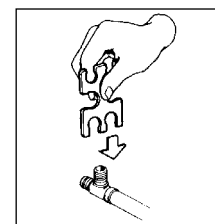
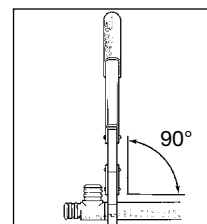
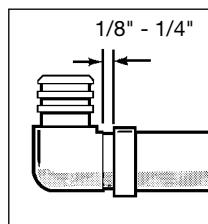
Installation

- 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 PureFlow 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 PEX CRIMP PUREFLOW 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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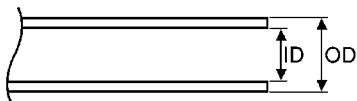
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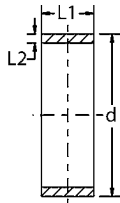
PureFlow[®] PEX Crimp Zero Lead Fittings for Use with Viega PureFlow Tubing

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

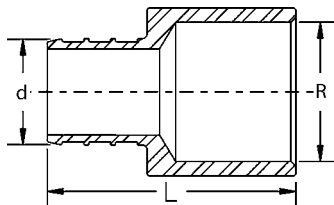


Nominal Size	Inner Diameter	Outer Diameter	Wall Thickness
3/8"	0.35	0.500±.003	0.070±.010
1/2"	0.47	0.625±.004	0.070±.010
3/4"	0.67	0.875±.004	0.097±.010
1"	0.86	1.125±.005	0.125±.013



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



Zero Lead Brass PEX Crimp X Female Sweat Tubing Adapters

Stock Code	Size d x R	L (in)
46635	1/2" x 1/2" F Sweat	1.33
46645	3/4" x 3/4" F Sweat	1.57

Zero Lead Copper PEX Crimp X Female Sweat Tubing Adapters

Stock Code	Size d x R	L (in)
40655	1" x 1" F Sweat	2.13

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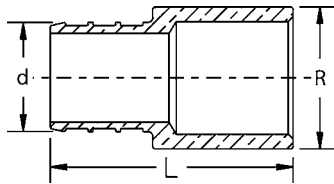
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PureFlow[®] PEX Crimp Zero Lead Fittings for Use with Viega PureFlow Tubing

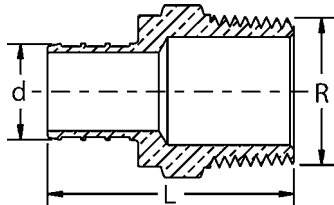


Zero Lead Brass PEX Crimp Male Sweat Fitting Adapters

Stock Code	Size d x R	L (in)
46621	3/8" x 3/8" M Sweat or 1/4" F	1.33
46622	3/8" x 1/2" M Sweat or 3/8" F	1.33
46631	1/2" x 3/8" M Sweat or 1/4" F	1.46
46633	1/2" x 1/2" M Sweat	1.33
46644	3/4" x 3/4" M Sweat	1.50
46654	1" x 1" M Sweat or 3/4" F	1.92

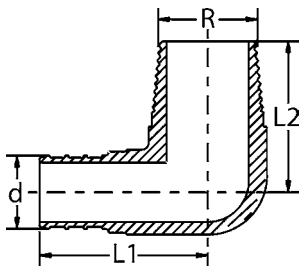
Zero Lead Copper PEX Crimp Male Sweat Fitting Adapter

Stock Code	Size d x R	L (in)
60651	1" x 1" M Sweat	1.97



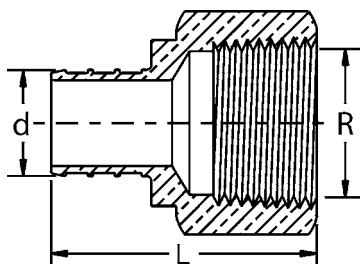
Zero Lead Brass PEX Crimp X Male NPT Adapters

Stock Code	Size d x R	L (in)
46302	3/8" x 1/2" M NPT	1.63
46321	1/2" x 1/2" M NPT	1.65
46340	3/4" x 3/4" M NPT	1.84
46366	1" x 1" M NPT	2.25



Zero Lead Brass PEX Crimp X Male NPT Elbows

Stock Code	Size d x R	L1 (in)	L2 (in)
46822	3/8" x 3/8" M NPT	1.03	0.96
46821	1/2" x 1/2" M NPT	1.11	1.19



Zero Lead Brass PEX Crimp X Female NPT Adapters

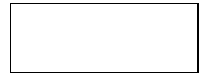
Stock Code	Size d x R	L (in)
46323	3/8" x 1/2" F NPT	1.62
46333	1/2" x 1/2" F NPT	1.62
46344	3/4" x 3/4" F NPT	1.67
46355	1" x 1" F NPT	2.07

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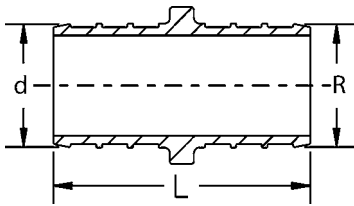
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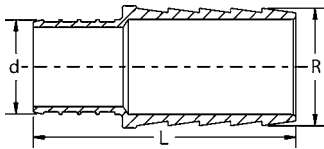
PureFlow[®] PEX Crimp Zero Lead Fittings for Use with Viega PureFlow Tubing

Zero Lead Brass PEX Crimp Couplings



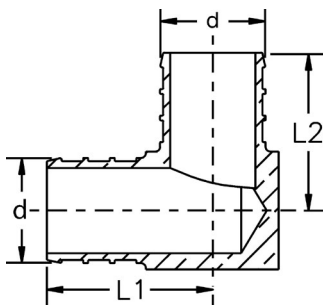
Stock Code	Size	L (Inches)
	d x R	
46422	3/8"	1.39
46432	1/2" x 3/8"	1.39
46434	1/2"	1.39
46443	3/4" X 1/2"	1.39
46444	3/4"	1.39
46454	1" X 3/4"	1.57
46455	1"	1.75

Zero Lead Brass PEX Crimp PE Adapters



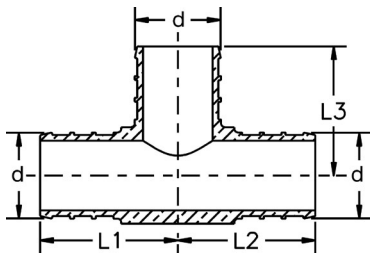
Stock Code	Size	L (Inches)
	d x R	
46145	3/4" x 3/4" PE	1.94
46156	1" x 1" PE	2.39

Zero Lead Brass PEX Crimp Elbows



Stock Code	Size	L1 (in)	L2 (in)
	d		
46922	3/8"	0.89	0.87
46933	1/2"	0.95	0.87
46944	3/4"	1.06	1.00
46955	1"	1.36	1.36

Zero Lead Brass PEX Crimp Tees



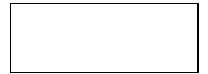
Stock Code	Size	L1 (in)	L2 (in)	L3 (in)
	d			
46500	3/8"	0.89	0.89	0.88
46520	1/2"	0.95	0.95	0.88
46540	3/4"	1.07	1.07	1.00
46560	1"	1.36	1.36	1.36

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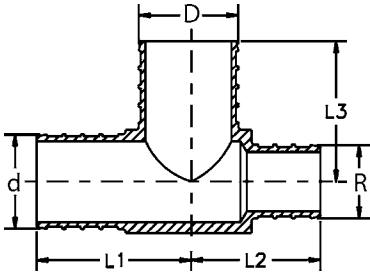
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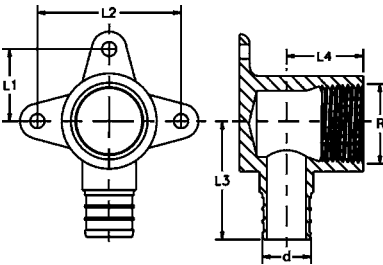
PureFlow[®] PEX Crimp Zero Lead Fittings for Use with Viega PureFlow Tubing

Zero Lead Brass PEX Crimp Reducing Tees



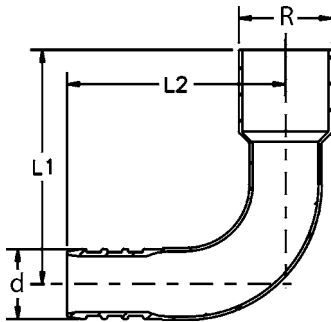
Stock Code	Size	L1 (in)	L2 (in)	L3 (in)
	d x R x D			
46433	3/4" x 1/2" x 1/2"	1.20	1.20	1.10

Zero Lead Brass PEX Crimp Drop Ear Elbows



Stock Code	Size	L1 (in)	L2 (in)	L3 (in)	L4 (in)
	d x R				
46233	1/2" x 1/2" F NPT	0.79	1.58	1.39	0.72
46244	3/4" x 3/4" F NPT	0.99	1.98	1.46	1.05

Zero Lead Copper PEX Crimp Tubing Elbows

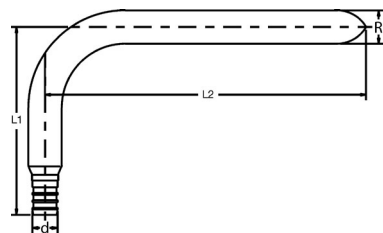


Stock Code	Size	L1 (in)	L2 (in)
	d x R		
44305	3/8" x 1/2" F Copper	1.68	1.46
44325	1/2" x 1/2" F Copper	1.43	1.58
44345	3/4" x 3/4" F Copper	2.05	2.01

Zero Lead Copper PEX Crimp Fitting Elbows

Stock Code	Size	L1 (in)	L2 (in)
	d x R		
44302	3/8" x 1/2" M Copper	1.65	1.56
44320	1/2" x 1/2" M Copper	1.44	1.49
44340	3/4" x 3/4" M Copper	1.94	1.87

Zero Lead Copper PEX Crimp Stub-Out Elbows



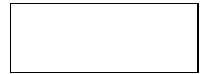
Stock Code	Size	L1 (in)	L2 (in)
	d x d		
44208	3/8" x 1/2" Copper (3-1/2" x 8")	3.50	7.75
44226	1/2" x 1/2" Copper (3-1/2" x 6")	3.50	5.75
44228	1/2" x 1/2" Copper (3-1/2" x 8")	3.50	7.75
44240	3/4" x 3/4" Copper (3-1/2" x 8")	4.50	8.00

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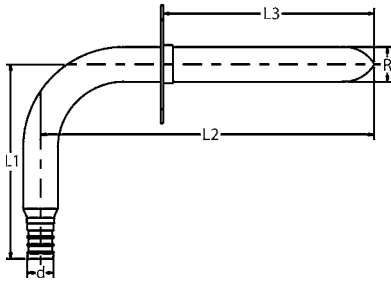
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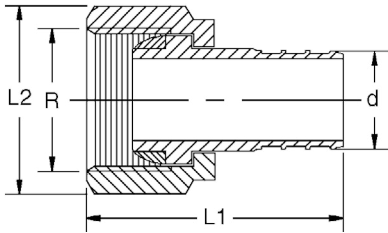
PureFlow[®] PEX Crimp Zero Lead Fittings for Use with Viega PureFlow Tubing

Zero Lead Copper PEX Crimp Stub-Out Elbows With Attachment Plate



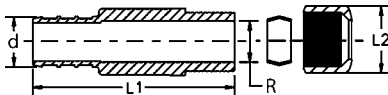
Stock Code	Size	L1 (in)	L2 (in)	L3 (in)
	d x R			
44209	3/8" x 1/2" Copper (3-1/2" x 8")	3.50	7.75	6.00
44227	1/2" x 1/2" Copper (3-1/2" x 6")	3.50	5.75	4.00
44229	1/2" x 1/2" Copper (3-1/2" x 8")	3.50	7.75	6.00

Zero Lead Brass PEX Crimp Lav Adapters



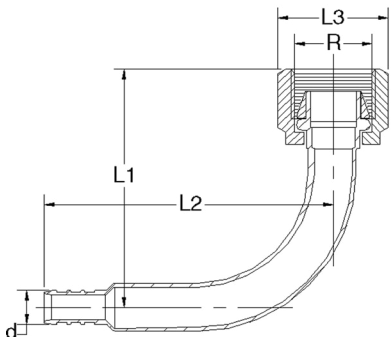
Stock Code	Size	L1 (in)	L2 (in)
	d x R		
46023	3/8" x 1/2" Lav (plastic nut)	1.65	1.12
46024	3/8" x 1/2" Lav (brass nut)	1.65	0.87
46033	1/2" x 1/2" Lav (plastic nut)	1.65	1.12
46034	1/2" x 1/2" Lav (brass nut)	1.65	0.87
46040	3/4" x 3/4" Lav (brass nut)	1.70	1.18

Zero Lead Brass PEX Crimp Lav Adapters Compression



Stock Code	Size	L1 (in)	L2 (in)
	d x R		
46032	3/8" x 1/4" CTS (3/8" OD) Comp	1.76	0.63
46331	1/2" x 1/4" CTS (3/8" OD) Comp	1.76	0.63

Zero Lead Copper PEX Crimp LAV Elbow



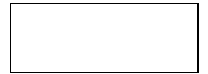
Stock Code	Size	L1 (in)	L2 (in)	L3 (in)
	d x R			
44201	3/8" x 1/2" Lav (plastic nut)	2.25	2.73	1.12

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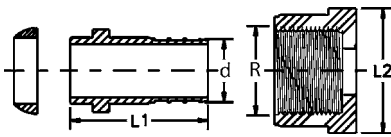
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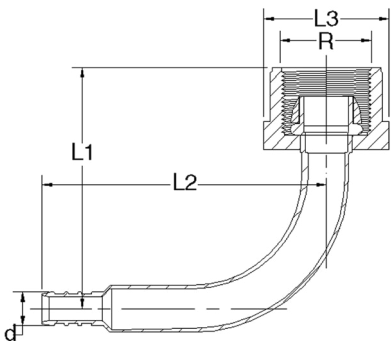


PureFlow[®] PEX Crimp Zero Lead Fittings for Use with Viega PureFlow Tubing



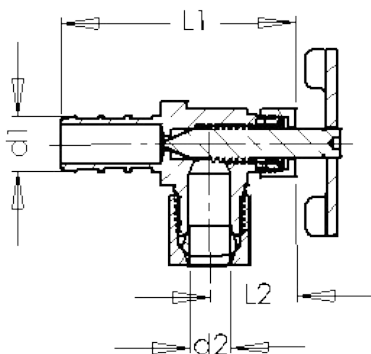
Zero Lead Brass PEX Crimp Closet Adapters

Stock Code	Size	L1 (in)	L2 (in)
	d x R		
46223	3/8" x 1/2" Closet (plastic nut)	1.36	1.16
46234	1/2" x 1/2" Closet (plastic nut)	1.36	1.16



Zero Lead Copper PEX Crimp Closet Elbow

Stock Code	Size	L1 (in)	L2 (in)	L3 (in)
	d x R			
44203	3/8" x 1/2" Closet (plastic nut)	2.00	2.73	1.16



Zero Lead Brass Ice Maker Valve Kit Adapters

Stock Code	Size	L1 (in)	L3 (in)
	d1 x d2		
46301	3/8" x 1/8" CTS (1/4" OD) Comp	1.48	0.55
46322	1/2" x 1/8" CTS (1/4" OD) Comp	1.48	0.55

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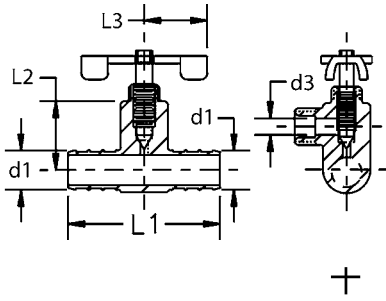
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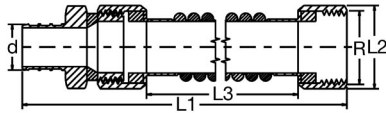


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Zero Lead Brass Ice Maker Valve Kit Tees

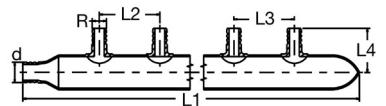


Stock Code	Size	L1 (in)	L2 (in)	L3 (in)
	d1 x d3			
46503	3/8" x 1/8" CTS (1/4" OD) Comp	1.83	1.03	0.59
46521	1/2" x 1/8" CTS (1/4" OD) Comp	1.83	1.03	0.59



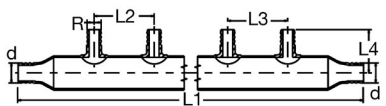
Zero Lead Brass/Copper PEX Crimp Water Heater Swivel Connector Female NPT

Stock Code	Size	L1 (in)	L2 (in)	L3 (in)
	d x R			
46764	3/4" x 3/4" F NPT	19.0	1.13	18.0



Zero Lead PEX Crimp Brazed Copper Manifolds Closed

Stock Code	Size	L1 (in)	L2 (in)	L3 (in)	L4 (in)
	d x R				
44844	3/4" x 1/2" (4 outlets)	10.7	2.00	2.00	1.47
44846	3/4" x 1/2" (6 outlets)	14.7	2.00	2.00	1.47
44848	3/4" x 1/2" (8 outlets)	18.7	2.00	2.00	1.47
44840	3/4" x 1/2" (10 outlets)	22.7	2.00	2.00	1.47
44864	1" x 1/2" (4 outlets)	11.6	2.00	2.00	1.47



Zero Lead PEX Crimp Brazed Copper Manifolds Flow Through

Stock Code	Size	L1 (in)	L2 (in)	L3 (in)	L4 (in)
	d x R				
45844	3/4" X 1/2" (4 outlets)	11.0	2.00	2.00	1.47
45846	3/4" X 1/2" (6 outlets)	15.0	2.00	2.00	1.47
45848	3/4" X 1/2" (8 outlets)	19.0	2.00	2.00	1.47
45864	1" X 1/2" (4 outlets)	12.3	2.00	2.00	1.47

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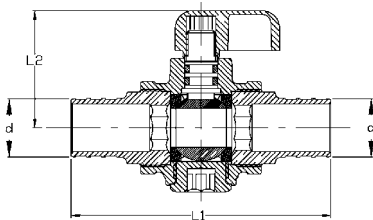
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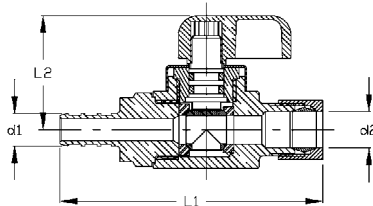
PureFlow[®] PEX Crimp Zero Lead Fittings for Use with Viega PureFlow Tubing

Zero Lead Brass PEX Crimp Ball Valve - 1/4 turn



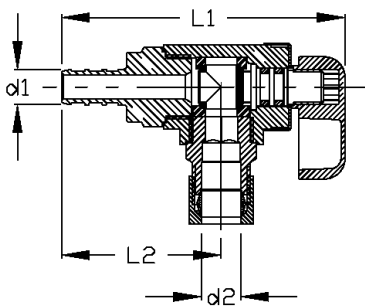
Stock Code	Size	L1 (in)	L2 (in)
	d		
46010	3/8"	3.09	1.2
46021	1/2" (chrome)	2.76	1.2
46031	1/2"	2.76	1.2
46044	3/4"	2.95	1.3
46060	1"	3.41	1.93

Zero Lead PEX Crimp Straight Stop Valve (Chrome) - 1/4 turn



Stock Code	Size	L1 (in)	L2 (in)
	d1 x d2		
46001	3/8" x 1/4" CTS (3/8" OD) Comp	2.78	1.2
46022	1/2" x 1/4" CTS (3/8" OD) Comp	2.78	1.2

Zero Lead PEX Crimp Angle Stop Valve (Chrome) - 1/4 turn



Stock Code	Size	L1 (in)	L2 (in)
	d1 x d2		
46002	3/8" x 1/4" CTS (3/8" OD) Comp	2.7	1.03
46025	1/2" x 1/4" CTS (3/8" OD) Comp	2.8	1.03

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