

## RIIFO Poly Alloy Crimp Manifold (Multi-port Tee) Specifications

### Product Information

RIIFO Poly Alloy Crimp Manifolds are manufactured from a polyphenylsulfone high performance thermoplastic polymer. All materials are listed with NSF for potable water contact. .

### Recommended Applications

RIIFO Poly Alloy Crimp Manifolds are designed for use in hot and cold potable water systems. RIIFO Poly Alloy Crimp Manifolds used with RIIFO PEX-b tube, are pressure rated at 160 PSI at 73°F, 100 PSI at 180°F, and 80 PSI at 200°F. Manifolds are listed by NSF as complying with the following standards: NSF/ANSI Standard 14, NSF/ANSI Standard 61, ASTM F877, and CSA B137.5, and ASTM F2159.

### Features & Benefits

- Resistant to the corrosive effects of water
- Recommended for hot water applications
- 25 year warranty as a RIIFO system and 10 year warranty on only fittings (see warranty)
- Design certified to NSF/ANSI 14, NSF/ANSI 61, ASTM F877 and ASTM F2159 standards for use in potable water and hydronic heating water distribution

### Certifications

RIIFO Poly Alloy Crimp Manifolds have been tested for health effects to NSF/ANSI14, NSF/ANSI 61 and performance to NSF/ANSI 372.

RIIFO Poly Alloy Crimp Manifolds certifications include, but are not limited to:

- ASTM F2159
- NSF/ANSI 14
- NSF/ANSI 61
- NSF/ANSI 372
- CSA B137.5
- ASTM F877

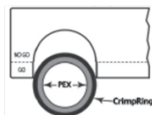
### Quality Assurance

When the product is marked with ASTM F877 and/or F2159 designation, it affirms that the product was manufactured, inspected, sampled and tested in accordance with these specifications and has been found to meet the specified requirements.

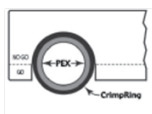
Do not expose Poly Alloy Crimp Manifolds to any VOC (volatile organic chemical) compounds, paints, solvents, glues, cleaners, or disinfectants as they can reduce the strength and performance of the fittings.

#### Go/NoGo Testing

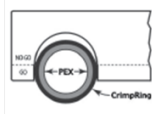
To test for proper fit of PEX/crimping ring, fully insert PEX tubing into Go/NoGo gauge for size of tubing:



If the ring does not fit at all, the crimp is a NoGo. Re-crimp the ring.



If the ring does slides all the way in, the crimp is compressed too small and is a NoGo. Remove the crimp ring and adjust.



If the ring slides in and stops in the go range, the crimp is a Go and is ready to use.

\*Note: Fully insert PEX tubing into fitting, slide crimp ring to within 1/8" and 1/4" from the end of tube. Make the connection.



## RIIFO Poly Alloy Crimp Manifold (Multi-port Tee) Specifications

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RIIFO Poly Alloy Crimp Manifolds are available with 3/4" inlet/outlet with 1/2" outlet ports and 1" inlet/outlet with 1/2" outlet ports. They are also available in open end and closed end designs.



**RIIFO Poly Alloy Manifolds**

Part Number	Description	Inlet/Outlet	Ports
PPM3412234	PEX Crimp Open End Manifold - 3/4" PEX Crimp Inlet, 3/4" PEX Crimp Outlet, (2) 1/2" PEX Crimp Ports	(2) 3/4"	(2) 1/2"
PPM3412300	PEX Crimp Closed End Manifold - 3/4" PEX Crimp Inlet, Closed Outlet, (3) 1/2" PEX Crimp Ports	(1) 3/4"	(3) 1/2"
PPM3412334	PEX Crimp Open End Manifold - 3/4" PEX Crimp Inlet, 3/4" PEX Crimp Outlet, (3) 1/2" PEX Crimp Ports	(2) 3/4"	(3) 1/2"
PPM3412400	PEX Crimp Closed End Manifold - 3/4" PEX Crimp Inlet, Closed Outlet, (4) 1/2" PEX Crimp Ports	(1) 3/4"	(4) 1/2"
PPM3412434	PEX Crimp Open End Manifold - 3/4" PEX Crimp Inlet, 3/4" PEX Crimp Outlet, (4) 1/2" PEX Crimp Ports	(2) 3/4"	(4) 1/2"
PPM3412634	PEX Crimp Open End Manifold - 3/4" PEX Crimp Inlet, 3/4" PEX Crimp Outlet, (6) 1/2" PEX Crimp Ports	(2) 3/4"	(6) 1/2"
PPM1012600	PEX Crimp Closed End Manifold - 1" PEX Crimp Inlet, Closed Outlet, (6) 1/2" PEX Crimp Ports	(1) 1"	(6) 1/2"