

For Residential and Light Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Poly-Alloy Crimp Fittings

Sizes: 1/2" - 1" (12.7 - 25.4mm)

Lead Free* Poly-Alloy Crimp fittings are composed of a high temperature thermoplastic with high impact and chemical resistance. Fittings are used to connect Watts RadiantPERT™, RadiantPEX+™, or Watts WaterPEX® pipe. Either Watts CrimpRings or CinchClamps are required for this connection.

Specifications

System shall be installed using Watts RadiantPERT, RadiantPEX+, or Watts WaterPEX pipe. All connections shall be made using the Watts Lead Free* Poly-Alloy Crimp adapters and fittings in accordance with the ASTM F-1807 connection method as outlined in the Instruction Sheet. The Lead Free* Poly-Alloy Crimp fittings and adapters shall be constructed using Lead Free* Poly-Alloy and shall comply with building codes and standards, where applicable, requiring reduced lead content.

Features

- Constructed from high temperature, impact resistant Poly-Alloy material.
- Maximum Working Temperature: 210°F (99°C)
Maximum Working Pressure: 150psi (1034 kPa)
- Fittings are compatible with domestic hot and cold water as well as hot and cold radiant heating applications.



Standards



Listings



Standards and Listings

- ASTM F2159, F1807, F877
- NSF 61, 14, 372
- CSA B137.5
- Certified to the Uniform Plumbing Code

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

* The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

CAUTION

Do not allow product to come in extended contact with any of at least the commonly encountered construction materials listed below: (This list is not all-inclusive.)

- Pipe thread sealing compounds
- Non-water based fire wall penetration sealing compounds and caulking
- Petroleum-based materials or sealants such as:
 - Kerosene, Benzene, Gasoline, Solvents, Fuel Oils, Cutting Oils, Asphaltic Paint, and Asphaltic Road Materials, Acetone, Toluene, and/or Xylene

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.



Typical Specifications

	Model	Inlet			Outlet			Pkg. Weight	
		in.	mm	type	in.	mm	type	lbs.	kgs.
Elbows	CrimpRing Elbows — Crimp x Crimp								
	WP19P-08PB	1/2	15	Crimp	1/2	15	Crimp	1.0	0.4
	WP19P-1208PB	3/4	20		3/4	20		2.0	0.9
	WP19P-1212PB				1	25			
	WP19P-16PB	1	25	1	25				
Elbows — Crimp x MPT									
WP20P-0808PB	1/2	15	Crimp	1/2	15	MPT	1.0	0.4	
WP20P-0812PB				3/4	20		2.0	0.9	
WP20P-1212PB				3/4	20				

	Model	Connection			Pkg. Weight	
		in.	mm	type	lbs.	kgs.
Plugs	WP27P-06PB	3/8	10	Crimp	1.0	0.4
	WP27P-08PB	1/2	15			
	WP27P-12PB	3/4	20		2.0	0.9
	WP27P-16PB	1	25			

	Model	Crimp			NPT			Pkg. Weight	
		in.	mm	Type	in.	mm	Type	lbs.	kgs.
Female Swivel	WP25P-0608	3/8	10	Crimp	1/2	15	FIP	1.0	0.5
	WP25P-08	1/2	15		1/2	15			
	WP25P-12	3/4	20		3/4	20			
	WP26P-08	1/2	15		1/2	15			
	WP26P-12	3/4	20		3/4	20			

	Model	Crimp			NPT			Pkg. Weight	
		in.	mm	Type	in.	mm	Type	lbs.	kgs.
Male NPT	WP12B-0808PB	1/2	15	Crimp	1/2	15	MPT	1.0	0.5
	WP12B-0812PB				3/4	20		2.0	0.9
	WP12B-1212PB	3/4	20						

	Model	INLET			OUTLET			Pkg. Weight	
		in.	mm	type	in.	mm	type	lbs.	kgs.
Couplings	WP15P-0808PB	1/2	15	Crimp	1/2	15	Crimp	1.0	0.4
	WP15P-1208PB	3/4	20					2.0	0.9
	WP15P-1212PB				1	25		3/4	20
	WP15P-1612PB	1	25						
	WP15P-1616PB	1	25						
	WP15P-2020PB	1-1/4	32		1-1/4	32			
	WP15P-1620PB	1	25		1-1/4	32			

	Model	1			2			3			Pkg. Weight	
		in.	mm	type	in.	mm	type	in.	mm	type	lbs.	kgs.
Tees	WP18P-08PB	1/2	15	Crimp	1/2	15	Crimp	1/2	15	Crimp	1.0	0.4
	WP18P-080812PB							3/4	20			
	WP18P-120808PB	3/4	20		1/2	15		1/2	15		2.0	0.9
	WP18P-120812PB							3/4	20			
	WP18P-121208PB				1/2	15						
	WP18P-12PB	3/4	20		3/4	20		3/4	20		3.0	1.4
	WP18P-121216PB							1	25			
	WP18P-161212PB	1	25		1	25		3/4	20			
	WP18P-161608PB							1/2	15			
	WP18P-161612PB							3/4	20			
	WP18P-16PB							1	25			



*dimension shown represents closest equivalent standard dimension.