

Now includes our
LEAD FREE*
product offering

RFP EX™



Residential Fire Protection Products Catalog and Price List

Effective May 31, 2011

watts.com



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- Sign up for e-mail alerts when data is updated
- Access other Watts Water Technologies brands pricing data

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*The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.



Terms and Conditions

- FREIGHT TERMS:** All shipments are F.O.B. shipping point. Shipments from factory less than 1000 lbs. are F.O.B. factory. Factory shipments of \$2500 and over within the continental U.S.A. will be prepaid and allowed when made at the lowest motor carrier transportation rate.
- TERMS OF SALE:** All sales are F.O.B. shipping point.
- PAYMENT TERMS:** The invoices are due and payable 30 days from the date of invoice. A 2% cash discount allowed on net amount of invoice if paid on or before the 10th of the following month. Invoices dated on or after the 25th will be considered as dated the first of the next month. Postmark on envelope will be considered date of check.
- PURCHASE ORDER FORMS:** Orders submitted on customer's own purchase order forms will be accepted only with the express understanding that no statements, clauses, or conditions contained in said order form will be binding on the Seller if they in any way modify the Seller's own terms and conditions of sales.
- SPECIAL PRODUCTS:** Orders for special or modified products are non-cancelable.

LIMITED WARRANTY:

- A.** Watts Regulator Co. ("Watts") warrants its Residential Fire (RF) PEX cross-linked polyethylene tubing and barbed RF PEX fittings (the "Products") to be free of defects in material and workmanship for a period of twenty-five (25) years from the date of original shipment when used under normal usage in potable water systems and installed in accordance with all Watts published installation instructions.
- B.** In the event of any such defects during the warranty period, Watts' obligation will be to repair or replace, at its discretion, any Product proven to be defective in material or workmanship. In the event of a system malfunction or leak caused by defective Products within the warranty period (and not by incorrect installation, incorrect handling procedures or by jobsite or installation damage), a reasonable pre-approved amount will be allowed for repair materials and repair labor. Note that the Products covered by this warranty are limited to the Watts tubing and fittings described above. Watts does not warrant any fire suppression sprinklers or any products or materials manufactured by any other company. Watts does not warrant the design of or the connections on any installation, as the integrity of the design and connections is subject to the workmanship of the contractor/installer. The design and connections are the sole responsibility of the contractor/ installer.
- C.** In order to qualify for a warranty remedy under paragraph B, you must contact Watts in advance and receive a written authorization for this remedy from an authorized Watts representative. Repair materials, repair labor and freight expenses not authorized in writing in advance by Watts in this way will not be compensated.
- D.** To qualify for the warranty described above, you must do the following:
1. Use good construction techniques to install the Products, as specified in our current installation manual and any other guidelines or technical notes published by Watts. This must include field pressure testing our warranted materials before they are covered by concrete or otherwise made inaccessible.
 2. Install the Products according to the current installation manual and any other guidelines and technical notes published by Watts.
 3. Install the Products in a system that will not operate at temperatures or at pressures that exceed the rating printed on the tubing.
 4. The Products must be installed in compliance with local building and plumbing codes.
- E.** Evidence of tampering, mishandling, neglect, accidental damage, freeze damage or unauthorized repairs that cause damage to the Products will void any warranty coverage. All design and field connections are specifically excluded from the terms of this warranty.
- F.** Any defects or claims relating to products or materials manufactured by any other company should be reported to that manufacturer for its warranty response.
- G.** Disclaimer of Warranty. **THE WARRANTY SET FORTH HEREIN IS GIVEN EXPRESSLY AND IS THE ONLY WARRANTY GIVEN BY WATTS WITH RESPECT TO THE PRODUCTS LISTED IN PARAGRAPH A. WATTS MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. WATTS HEREBY SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**
- H.** Limitation of Liability. The remedy described above shall constitute the sole and exclusive remedy for breach of warranty, and, apart from that remedy, Watts shall not be responsible under any legal theory for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if these Products do not work properly, other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, adverse chemical environments, or any other circumstances over which Watts has no control. This Limited Warranty shall be invalidated by any abuse, misuse, misapplication or improper installation of the Products. Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages. Therefore the above limitations may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights that vary from state to state. You should consult applicable state laws to determine your rights. **SO FAR AS IS CONSISTENT WITH APPLICABLE STATE LAW, ANY IMPLIED WARRANTIES THAT MAY NOT BE DISCLAIMED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO ONE YEAR FROM THE DATE OF ORIGINAL SHIPMENT.**
- I.** RETURNED GOODS – CREDIT: No material shall be returned without authorization. When credit is issued, it will be at the price originally invoiced, less handling charges, based on the costs of reconditioning, boxing, etc. Products which are obsolete or made to special order are not returnable.

Residential Fire Tubing

The below listings are solely based upon use of Watts UL 1821 listed RF PEX™ Tubing, RF PEX™ Fittings and CrimpRing™ connections.



- Manufactured in accordance with the ASTM International F876 and F877 to SDR-9 dimensional standards.
- Tested and certified by NSF International to NSF/ANSI Standards 14 and 61 for use in potable water systems.
- Labeled B137.5 which indicates that it is compliant to the CSA standards B137.5.
- When not connected to the fire suppression system, Certified PEX5306 is acceptable for use in continuous hot water recirculation.
- Can withstand up to 6 months of continuous UV exposure.
- ASTM E84 and CAN/ULC-S102.2 smoke developed and flame spread classification.
- Fire Resistance per CAN/ULC-S101 and ASTM E119-08
- AWWA C904.
- UL 1821 listed for use in Residential Fire Sprinkler Systems per NFPA 13D.

Residential Fire Sprinkler Fittings

The listings below are solely based upon use with UL 1821 listed RF PEX™ tubing, RF PEX™ Fittings and CrimpRing™ connections.



- Manufactured in accordance with ASTM International F877 and F1807.
- Tested and certified by NSF International to NSF/ANSI Standards 14 and 61 for use in potable water systems.
- Listed by Underwriters Laboratories to UL Standard 1821 for use in residential fire sprinkler systems per NFPA 13D.

Residential Fire Fittings – Adapters, Test Plugs and CrimpRing™ Couplings

The listings below are solely based upon use with UL 1821 listed RF PEX™ Tubing, RF PEX™ Fittings, RF PEX™ Sprinkler Fittings and CrimpRing™ Connections.



- Manufactured in accordance with ASTM International F877 and F1807.
- Tested and certified by NSF International to NSF/ANSI Standards 14 and 61 for use in potable water systems.
- Listed by Underwriters Laboratories to UL Standard 1821 for use in residential fire sprinkler systems per NFPA 13D.

RF PEX® Flow Characteristics at 60°F (15°C)

Flow (GPM)	¾" Tubing		½" Tubing		¾" Tubing		1" Tubing	
	Press. Drop psi/100'	Velocity* ft./sec.	Press. Drop psi/100'	Velocity ft./sec.	Press. Drop psi/100'	Velocity ft./sec.	Press. Drop psi/100'	Velocity ft./sec.
1	7.3	3.2	1.8	1.7	WATER VELOCITY TOO LOW			
2	24.5	6.3	5.9	3.5	1.2	1.8	0.4	1.0
3			12.1	5.2	2.4	2.7	0.7	1.6
4			20.1	7.0	4.0	3.5	1.2	2.1
5					5.7	4.4	1.8	2.7
6					8.1	5.3	2.5	3.2
7					10.7	6.2	3.2	3.7
8	WATER VELOCITY TOO HIGH				13.5	7.1	4.1	4.3
9							5.0	4.8
10							6.0	5.3

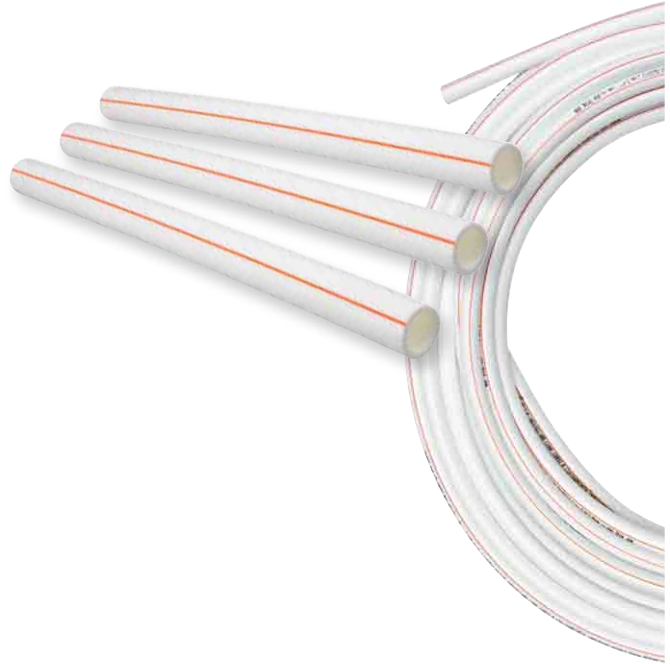
*Rounded to the first decimal.

RF PEX™ Residential Fire Tubing

RF PEX™ Residential Fire Tubing

RF PEX™ Tubing is for residential fire PEX multipurpose piping systems used to support NFPA 13D, which is the standard covering the “Installation of Sprinkler Systems in One and Two-Family Dwellings and Manufactured Homes.”

The RF PEX™ Tubing has a unique Orange tracer stripe to quickly identify it as UL 1821 listed and to facilitate installation inspections. **This product is only UL 1821 listed when used in conjunction with RF PEX™ sprinkler fittings, RF PEX™ fittings and CrimpRing™ connections in NFPA 13D applications.**



Model No.	Description/Size	Ordering Code	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
UL 1821 Listed RF PEX™ with Orange Tracer Stripe						
FPTC12-100W-OS	3/4" RF PEX - 100 FOOT COIL	0666300	098268569889	1	11	\$ 102.41
FPTC12-250W-OS	3/4" RF PEX - 250 FOOT COIL	0666301	098268569896	1	26.3	256.03
FPTC12-300W-OS	3/4" RF PEX - 300 FOOT COIL	0666302	098268569902	1	32.9	308.39
FPTC12-500W-OS	3/4" RF PEX - 500 FOOT COIL	0666303	098268569919	1	53	511.99
FPTC12-1000W-OS	3/4" RF PEX - 1000 FOOT COIL	0666304	098268569926	1	105	1,023.99
FPTS12-25W-OS	3/4" RF PEX - 20' STICKS x 25/BUNDLE	0666305	098268569933	1	53	512.00
FPTS12-10W-OS	3/4" RF PEX - 20' STICKS x 10/BUNDLE	0666306	098268570069	1	21	205.98
FPTS12-25W-OS Fast Pack	3/4" RF PEX - 10' STICKS x 25/BUNDLE	0666307	098268570083	1	26	263.73
FPTC16-100W-OS	1" RF PEX - 100 FOOT COIL	0666308	098268570090	1	17	181.30
FPTC16-300W-OS	1" RF PEX - 300 FOOT COIL	0666309	098268570212	1	50.4	453.15
FPTC16-500W-OS	1" RF PEX - 500 FOOT COIL	0666310	098268570229	1	84	906.30
FPTS16-5W-OS	1" RF PEX - 20' STICKS x 5/BUNDLE	0666311	098268570236	1	17	181.30

LEAD FREE

*The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.

RF PEX™ Residential Fire Sprinkler Fittings

RF PEX™ Residential Fire CrimpRing™ Fittings

RF PEX™ Residential Fire CrimpRing™ Sprinkler Fittings are designed for residential multipurpose fire suppression systems to support NFPA 13D. They feature cast brass bodies made from a Lead Free* alloy, integral pre-drilled flanges and may be used with any standard Pendant, Recessed, Sidewall or Flat Plate Concealed style residential sprinkler. **These products are only UL 1821 listed when used in conjunction with RF PEX™ tubing, RF PEX™ sprinkler fittings, RF PEX™ fittings and CrimpRing™ connections in NFPA 13D applications.**



FPSF-2 Tee Fitting



FPSF-1S Straight Fitting



FPSF-1R Right Fitting



FPSF-1L Left Fitting

Model No.	Description/Size	Ordering Code	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
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UL 1821 Listed Residential Fire Sprinkler CrimpRing™ Fittings w/ 1/2" FPT Sprinkler Inlet (Lead Free*)

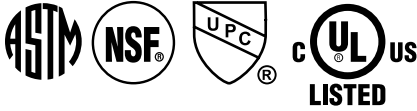
Model No.	Description/Size	Ordering Code	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
FPSF-2-12	3/4" 2-WAY TEE	0666200	098268516692	1	1.2	\$ 44.87
FPSF-2-16	1" 2-WAY TEE	0666202	098268516715	1	0.7	46.15
FPSF-1S-12	3/4" STRAIGHT FITTING	0666204	098268516739	1	0.6	39.74
FPSF-1S-16	1" STRAIGHT FITTING	0666206	098268516753	1	0.6	41.03
FPSF-1R-12	3/4" RIGHT FITTING	0666208	098268516777	1	0.7	41.03
FPSF-1R-16	1" RIGHT FITTING	0666210	098268516791	1	0.7	43.59
FPSF-1L-12	3/4" LEFT FITTING	0666212	098268516814	1	0.6	41.03
FPSF-1L-16	1" LEFT FITTING	0666214	098268516838	1	0.7	43.59

LEAD FREE*

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RF PEX™ and WaterPEX® Fittings

RF PEX™ and WaterPEX® Lead Free* Brass CrimpRing™ Adapters are designed for joining threaded or soldered connections to RF PEX™ or WaterPEX® tubing. **These products are only UL 1821 listed when used in conjunction with RF PEX™ tubing, RF PEX™ sprinkler fittings, RF PEX™ fittings and CrimpRing™ connections in NFPA 13D applications.**



LFWP10
Crimp x Male Solder Adapter



LFWP11
Crimp x Female Solder Adapter



LFWP12
Crimp x MPT Threaded Adapter



LFWP13
Crimp x FPT Threaded Adapter

Model No.	Description/Size	Ordering Code	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price	
UL 1821 Listed CrimpRing™ Fittings (Lead Free*)							
Crimp x MPT Threaded Adapters							
LEAD FREE*	LFWP12B-1212PB	3/4" CF x 3/4" MPT - Poly Bag	0653027	098268441390	10	1.6	\$ 54.90
	LFWP12B-1212	3/4" CF x 3/4" MPT - Bulk	0653038	098268441505	100	16	521.45
	LFWP12B-1616PB	1" CF x 1" MPT - Poly Bag	0653030	098268441420	3	.7	22.90
	LFWP12B-1616	1" CF x 1" MPT - Bulk	0653041	098268441536	100	24.6	725.15
	LFWP12B-1216PB	3/4" CF x 1" MPT - Poly Bag	0653028	098268441406	2	0.45	14.50
	LFWP12B-1216	3/4" CF x 1" MPT - Bulk	0653039	098268441512	50	13.6	364.60
Crimp x FPT Threaded Adapters							
LEAD FREE*	LFWP13B-1212PB	3/4" CF x 3/4" FPT - Poly Bag	0653033	098268441451	5	0.8	24.65
	LFWP13B-1212	3/4" CF x 3/4" FPT - Bulk	0653044	098268441567	100	15.9	469.50
	LFWP13B-1616PB	1" CF x 1" FPT - Poly Bag	0653162	098268442748	10	6.9	66.70
	LFWP13B-1616	1" CF x 1" FPT - Bulk	0653169	098268442816	100	26	579.85
Crimp x Male Solder Adapters							
LEAD FREE*	LFWP10B-1212PB	3/4" CF x 3/4" MS - Poly Bag	0653007	098268441192	5	0.5	17.05
	LFWP10B-1212	3/4" CF x 3/4" MS - Bulk	0653016	098268441284	100	0.3	322.25
	LFWP10B-1616PB	1" CF x 1" MS - Poly Bag	0653008	098268441208	5	0.8	46.60
	LFWP10B-1616	1" CF x 1" MS - Bulk	0653017	098268441291	100	16.6	888.05
Crimp x Female Solder Adapters							
LEAD FREE*	LFWP11B-1212PB	3/4" CF x 3/4" FS - Poly Bag	0653011	098268441239	10	1.1	32.10
	LFWP11B-1212	3/4" CF x 3/4" FS - Bulk	0653020	098268441321	100	9.0	305.20
	LFWP11B-1616PB	1" CF x 1" FS - Poly Bag	0653012	098268441246	5	0.7	34.45
	LFWP11B-1616	1" CF x 1" FS - Bulk	0653021	098268441338	100	16.3	699.10

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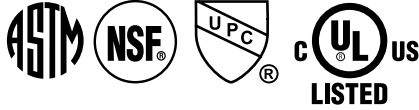
RF PEX™ and WaterPEX® Fittings — Couplings

RF PEX™ and WaterPEX® Fittings

RF PEX™ and WaterPEX® Lead Free* Brass CrimpRing™ Couplings are designed for joining RF or WaterPEX® tubing. **These products are only UL 1821 listed when used in conjunction with RF PEX™ tubing, RF PEX™ sprinkler fittings, RF PEX™ fittings and CrimpRing™ connections in NFPA 13D applications.**



LFWP15
PEX x PEX CrimpRing™ Coupling



Model No.	Description/Size	Ordering Code	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
Crimp Couplings						
LFWP15B-1212PB	3/4" CF x 3/4" CF - Poly Bag	0653049	098268441611	10	.6	\$ 18.05
LFWP15B-1212	3/4" CF x 3/4" CF - Bulk	0653058	098268441703	100	5.2	171.15
LFWP15B-1616PB	1" CF x 1" CF - Poly Bag	0653051	098268441635	20	2.9	68.05
LFWP15B-1616	1" CF x 1" CF - Bulk	0653060	098268441727	100	11.7	646.45
LFWP15B-1612PB	1" CF x 3/4" CF - Poly Bag	0653050	098268441628	10	1.1	35.20
LFWP15B-1612	1" CF x 3/4" CF - Bulk	0653059	098268441710	100	9.5	334.80
LFWP15B-1208PB	3/4" CF x 1/2" CF - Poly Bag	0653048	098268441604	10	0.6	25.80
LFWP15B-1208	3/4" CF x 1/2" CF - Bulk	0653057	098268441697	100	5.9	244.30

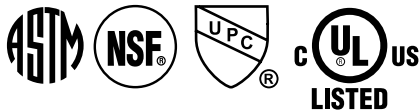
RF PEX™ and WaterPEX® Fittings — Tees

RF PEX™ and WaterPEX® Fittings

RF PEX™ and WaterPEX® Lead Free* Brass CrimpRing™ Tees are designed for joining RF PEX™ or WaterPEX® tubing. **These products are only UL 1821 listed when used in conjunction with RF PEX™ tubing, RF PEX™ sprinkler fittings, RF PEX™ fittings and CrimpRing™ connections in NFPA 13D applications.**



LFWP18
Brass CrimpRing™ Tee

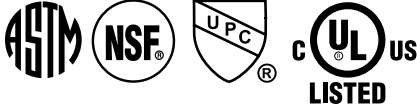


Model No.	Description/Size	Ordering Code	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
Crimp Tees						
LFWP18B-12PB	3/4" CF x 3/4" CF x 3/4" CF - Poly Bag	0653078	098268441901	10	1.5	\$ 40.20
LFWP18B-12	3/4" CF x 3/4" CF x 3/4" CF - Bulk	0653094	098268442069	100	11.3	381.80
LFWP18B-16PB	1" CF x 1" CF x 1" CF - Poly Bag	0653083	098268441956	10	3.1	93.40
LFWP18B-16	1" CF x 1" CF x 1" CF - Bulk	0653099	098268442113	100	17.7	887.55
LFWP18B-161212PB	1" CF x 3/4" CF x 3/4" CF - Poly Bag	0653080	098268441925	10	2.1	96.65
LFWP18B-161212	1" CF x 3/4" CF x 3/4" CF - Bulk	0653096	098268442083	100	25.8	918.05
LFWP18B-161612PB	1" CF x 1" CF x 3/4" CF - Poly Bag	0653082	098268441949	10	3	91.95
LFWP18B-161612	1" CF x 1" CF x 3/4" CF - Bulk	0653098	098268442106	100	17.2	873.80
LFWP18B-121216PB	3/4" CF x 3/4" CF x 1" CF - Poly Bag	0653079	098268441918	10	2.1	96.65
LFWP18B-121216	3/4" CF x 3/4" CF x 1" CF - Bulk	0653095	098268442076	100	30.9	918.05
LFWP18B-121208PB	3/4" CF x 3/4" CF x 1/2" CF - Poly Bag	0653077	098268441895	10	1.4	44.50
LFWP18B-121208	3/4" CF x 3/4" CF x 1/2" CF - Bulk	0653093	098268442052	100	9.8	423.30
LFWP18B-161608PB	1" CF x 1" CF x 1/8" CF - Poly Bag	0653081	098268441932	10	2.8	95.55
LFWP18B-161608	1" CF x 1" CF x 1/8" CF - Bulk	0653097	098268442090	100	26.5	907.55

*The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.

RF PEX™ and WaterPEX® Fittings

RF PEX™ and WaterPEX® Lead Free* Brass CrimpRing™ Elbows are designed for joining RF PEX™ or WaterPEX® tubing. Solder elbows connect PEX to rigid copper pipe. **These products are only UL 1821 listed when used in conjunction with RF PEX™ tubing, RF PEX™ sprinkler fittings, RF PEX™ fittings and CrimpRing™ connections in NFPA 13D applications.**



LFWP19
Crimp x Crimp



LFWP21
CrimpRing™ x Solder Elbows

Model No.	Description/Size	Ordering Code	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
Crimp Elbows						
LFWP19B-1212PB	3/4" CF x 3/4" CF - Poly Bag	0653103	098268442151	10	1.3	\$ 30.15
LFWP19B-1212	3/4" CF x 3/4" CF - Bulk	0653108	098268442205	100	8.8	287.30
LFWP19B-16PB	1" CF x 1" CF - Poly Bag	0653104	098268442168	10	2.1	76.85
LFWP19B-1616	1" CF x 1" CF - Bulk	0653109	098268442212	100	17.6	730.10
LFWP19B-1208PB	3/4" CF x 1/2" CF - Poly Bag	0653102	098268442144	10	2.2	41.90
LFWP19B-1208	3/4" CF x 1/2" CF - Bulk	0653107	098268442199	100	19.8	397.95
Crimp x Female Solder Elbows						
LFWP21B-12PB	3/4" CF x 3/4" FS - Poly Bag	0653119	098268442311	10	1.6	129.10
LFWP21B-12	3/4" CF x 3/4" FS - Bulk	0653121	098268442335	100	15.6	1,225.05

LEAD FREE*

LEAD FREE*

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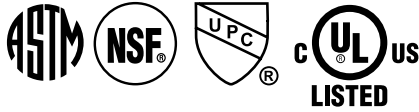
RF PEX™ and WaterPEX® Fittings — Test Plugs

RF PEX™ and WaterPEX® Fittings

RF PEX™ and WaterPEX® Lead Free* Brass CrimpRing™ Test Plugs are designed for sealing a run of RF PEX™ or WaterPEX® tubing to pressure test the system. **These products are only UL 1821 listed when used in conjunction with RF PEX™ tubing, RF PEX™ sprinkler fittings, RF PEX™ fittings and CrimpRing™ connections in NFPA 13D applications.**



LFWP24 CrimpRing™ Test Plug



Model No.	Description/Size	Ordering Code	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
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Test Plugs

LEAD FREE*	Model No.	Description/Size	Ordering Code	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
	LFWP24B-12PB	3/4" CF - Poly Bag	0653134	098268442465	10	.6	\$ 18.35
	LFWP24B-12	3/4" CF - Bulk	0653138	098268442502	100	5.5	174.75
	LFWP24B-16PB	1" CF - Poly Bag	0653135	098268442472	10	.8	23.10
	LFWP24B-16	1" CF - Bulk	0653139	098268442519	100	10.3	219.00

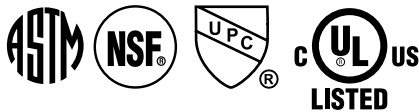
RF PEX™ and WaterPEX® Fittings — CrimpRings™

RF PEX™ and WaterPEX® Fittings

RF PEX™ and WaterPEX® Lead Free* Brass CrimpRings™ are designed for permanently attaching RF PEX™ or WaterPEX® tubing to a CrimpRing™ fitting. **These products are only UL 1821 listed when used in conjunction with RF PEX™ tubing, RF PEX™ sprinkler fittings, RF PEX™ fittings and CrimpRing™ connections in NFPA 13D applications.**



CrimpRing™



Model No.	Description/Size	Ordering Code	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
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Copper CrimpRings

LEAD FREE*	Model No.	Description/Size	Ordering Code	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
	WP14C-08PB	1/2" - Poly Bag	0650546	098268313314	10	.1	\$ 3.55
	WP14C-08	1/2" - Bulk	0650551	098268313369	100	1.3	33.30
	WP14C-12PB	3/4" - Poly Bag	0650547	098268313321	10	.1	4.10
	WP14C-12	3/4" - Bulk	0650552	098268313376	100	1.8	39.55
	WP14C-16PB	1" - Poly Bag	0650548	098268313338	10	.1	7.05
	WP14C-16	1" - Bulk	0650553	098268313383	100	2.5	66.85

*The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.

RingMaster™ Crimp Tools

Watts RingMaster™ and CrimpAll™ tools are designed for proper CrimpRing™ installation. Each tool is factory calibrated and comes with a GO/NO GO gauge to ensure a proper crimp is made. Jaws are interchangeable and field adjustments are fast and easy.



WPRM16-19PB

Model No.	Description/Size	Ordering Code	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
RingMaster Crimp Tools						
WPRM12-15PB	3/4" Tool w/ 15" handle	0650931	098268318258	1	4	\$ 248.95
WPRM16-19PB	1" Tool w/ 19" handle	0650932	098268318265	1	4	468.35

CrimpAll™ Tool Kit

Interchangeable crimping jaws make the CrimpAll™ the only tool in North America that crimps 3/8", 1/2", 5/8", 3/4", 1" and 1 1/4" CrimpRings™. Tough plastic tool kit helps you keep track of all your crimping tools. 15" CrimpAll™ tool, interchangeable 3/8", 1/2", 5/8", and 3/4" crimping jaws, Go/No-Go crimp gauge, and adjustment tools. 19" CrimpAll tool is for use with 1" and 1 1/4" Crimping Jaws.



WPCATK-1

Watts Model	Description/Size	Ordering Code	UPC	Net Content	Consumer Unit Weight (lbs)	Case Qty	Case Weight (lbs)	List Price
WPCATK-1	3/8" - 3/4" CrimpAll Kit 15"	0650872	098268317268	1	6.0	—	—	\$ 266.85
WPCATK-2	1" - 1 1/4" CrimpAll Kit 19"	0651072	098268413526	1	8.0	—	—	345.15

PEX Go/No-Go Gauge

Used to check for a proper crimp connection.



3/8" - 3/4"

Model No.	Description/Size	Ordering Code	UPC	Net Content	Consumer Unit Weight (lbs)	Case Qty	Case Weight (lbs)	List Price
PEX Go/No-Go Gauge								
WPGAUK-2	3/8" - 3/4" PEX Go/No-Go Gauge	0650901	098268317695	1	0.2	—	—	\$ 9.35
WPGAUK-3	1" PEX Go/No-Go Gauge	0650902	098268317701	1	0.2	—	—	16.95

NFPA 13D Multipurpose System Sign

The sign advises that modifications to the system should not be made without a review by a fire protection design professional.

Model No.	Description/Size	Ordering Code	UPC	Net Content	Consumer Unit Weight (lbs)	Case Qty	Case Weight (lbs)	List Price
NFPA 13D Multipurpose System Sign								
RF-NFPA 13D Tag	NFPA 13D System Tag	0666313	098268739527	1	0.5	1	0.5	\$ 10.00

Viking Freedom® Residential Fire Sprinklers and Accessories

Watts products can be used with a variety of residential fire sprinklers. Watts is pleased to supply a comprehensive offering of residential fire sprinkler heads and accessories manufactured by Viking Corporation. All Viking residential fire sprinkler information can be accessed at www.vikinggroupinc.com. Viking offers its own warranty for its products which is different from the Watts Residential Fire products warranty. There are specific handling instructions for sprinkler heads. Refer to the appropriate residential fire sprinkler head manufacturer's literature for all instructions and warnings.



VK435 with Escutcheon



VK468



13577W/B

Model No.	Description/Size	Ordering Code	Finish	Thread Size (NPT)	K-Factor	Normal Temperature Rating °F (°C)	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
Residential Pendent Sprinklers										
VK435	Residential Pendent Sprinkler	13203MBW	White	1/2	3.1 (45)	155 (68)	098268572650	50	9	\$ 38.85
VK468	Residential Pendent Sprinkler	13637MBW	White	1/2	4.9 (71)	155 (68)	098268572667	50	9	38.85
VK4680	Residential Pendent Sprinkler - Lead Free*	16876MBW	White	1/2	4.9 (71)	155 (68)	098268572674	50	9	48.56
Accessories										
13577W/B	Installation Wrench for VK435/468/4680	13577WB	n/a	n/a	n/a	n/a	098268572681	1	1	101.92



VK440



VK450



VK4850



VK453



13655



10896



06419

Model No.	Description/Size	Ordering Code	Finish	Thread Size (NPT)	K-Factor	Normal Temperature Rating °F (°C)	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
Horizontal Sidewall Sprinklers										
VK440	Horizontal Sidewall Sprinkler (Frame Style)	09787MBW	White	1/2	4.3 (62)	155 (68)	098268572698	50	9	40.34
VK450	Horizontal Sidewall Sprinkler (Frame Style)	12357MBW	White	1/2	4.2 (60)	155 (68)	098268572704	50	9	47.60
VK4850	Horizontal Sidewall Sprinkler (Frame Style) - Lead Free*	16881MBW	White	1/2	4.3 (62)	155 (68)	098268572711	50	9	50.43
VK453	Horizontal Sidewall Sprinkler (Frame Style)	13389MBW	White	1/2	4.0 (58)	155 (68)	098268572742	50	9	47.60
Accessories										
13655	Installation Wrench for Horizontal Sidewall Sprinklers	13655WB	n/a	n/a	n/a	n/a	098268572759	1	1	104.77
10896	Frame Wrench for Horizontal Sidewall Sprinklers	10896WB	n/a	n/a	n/a	n/a	098268572766	1	1	49.85
06419	Two-Piece Escutcheon for all Pendent and Horizontal Sidewall Sprinklers	06419AMW	White	1/2	n/a	n/a	098268572773	200	18	5.66

Viking Freedom® Residential Fire Sprinklers and Accessories



VK456



VK457



VK4560



VK4570



13750



13623



13619



14412

Model No.	Description/Size	Ordering Code	Finish	Thread Size (NPT)	K-Factor	Normal Temperature Rating °F (°C)	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
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Flat Concealed Sprinklers — Pendent

VK456	Flat Concealed Pendent Sprinkler - Fusible Link, Use for Sloped Ceilings	13620AJ	Brass	1/2	4.9 (71)	140 (60)	098268572797	50	23	\$ 39.67
VK457	Flat Concealed Pendent Sprinkler - Fusible Link, Use for Flat Ceilings	14694AC	Brass	1/2	4.9 (71)	165 (74)	098268572803	50	23	39.67
VK4560	Flat Concealed Pendent Sprinkler - Fusible Link - Lead Free*, Use for Sloped Ceilings	16871AJ	Brass	1/2	4.9 (71)	135 (57)	098268572810	50	23	49.59
VK4570	Flat Concealed Pendent Sprinkler - Fusible Link - Lead Free*, Use for Flat Ceilings	16872AC	Brass	1/2	4.9 (71)	165 (74)	098268572834	50	23	22.99

Accessories

13750	Cover Cap For VK456, VK457, VK4560 and VK4570	13750MAW	White	n/a	n/a	n/a	098268572841	50	4	22.99
13623	Installation Wrench for Flat Concealed Pendent Sprinklers	13623WB	Black	n/a	n/a	n/a	098268572858	1	1	96.01
13619	Installation Wrench for Flat Concealed Pendent Sprinklers	13619	Red	n/a	n/a	n/a	098268572865	1	1	19.67
14412	Cover Installation Tool for Concealed Pendent Sprinklers	14412	White	n/a	n/a	n/a	098268572872	1	1	8.69



VK480



16207



16208

Model No.	Description/Size	Ordering Code	Finish	Thread Size (NPT)	K-Factor	Normal Temperature Rating °F (°C)	UPC	Case Qty.	Consumer Unit Weight (lbs)	List Price
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Flat Concealed Sprinklers — Sidewall

VK480	Flat Concealed Pendent Sprinkler - Fusible Link - Sidewall	16116AC	Brass	1/2	4.0 (58)	165 (74)	098268572889	50	39	61.94
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Accessories

16207	Cover Plate for VK480	16207MAW	White	n/a	n/a	135 (57)	098268572896	50	4	22.99
16208	Installation Wrench for Flat Concealed Pendent Sprinklers	16208WR	n/a	n/a	n/a	n/a	098268572902	1	1	65.87



02401



02400

Model No.	Description/Size	Ordering Code	UPC	Net Content	Consumer Unit Weight (lbs)	Case Qty	Case Weight (lbs)	List Price
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Sprinkler Cabinets

02401	Sprinkler Cabinet - Six Head	02-401	098268572933	1	2	25	2	\$ 51.15
02400	Sprinkler Cabinet - Twelve Head	02-400	098268572940	1	3	20	3	68.90



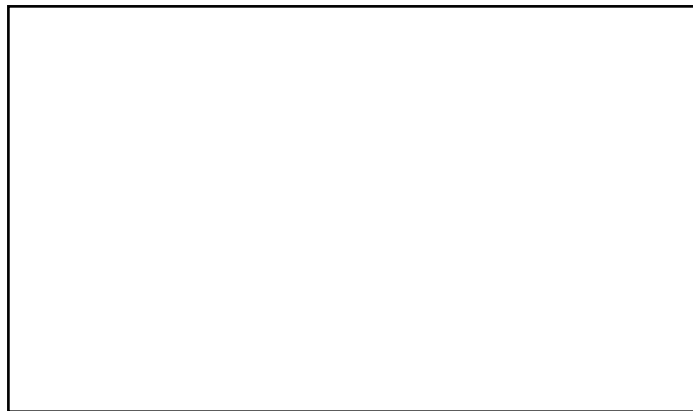
Viking - Limited Warranty

LIMITED WARRANTY:

- a. VIKING PRODUCTS ARE WARRANTED AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP SOLELY TO ORIGINAL PURCHASERS. VIKING AGREES TO REPAIR OR REPLACE, OR TO REFUND THE PURCHASE PRICE OF, VIKING PRODUCTS DEMONSTRATED TO BE DEFECTIVE IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM DATE OF SHIPMENT, PROVIDED THAT THE ORIGINAL BUYER PROVIDES WRITTEN NOTICE TO VIKING WITHIN THIRTY (30) DAYS FOLLOWING DISCOVERY OF SUCH DEFECT. TO DEMONSTRATE A DEFECT, PRODUCTS MUST BE SENT, ALONG WITH THE WRITTEN NOTICE, TO THE VIKING CORPORATION, ATTENTION: RETURNS DEPT., 210 N. INDUSTRIAL PARK DRIVE, HASTINGS, MICHIGAN 49058. THIS WARRANTY SHALL NOT APPLY, HOWEVER, TO ANY VIKING PRODUCTS WHICH HAVE BEEN REPAIRED OR ALTERED OUTSIDE OF VIKING'S FACTORY, HAVE BEEN SUBJECT TO MISUSE, NEGLIGENCE OR ACCIDENTS, OR HAVE BEEN USED IN A MANNER CONTRARY TO VIKING'S INSTRUCTIONS OR RECOMMENDATIONS.
- b. BUYER ACKNOWLEDGES THAT ANY WARRANTY FOR PRODUCTS ACQUIRED BY VIKING THROUGH A THIRD PARTY MANUFACTURER IS LIMITED TO THE WARRANTY PROVIDED BY THE MANUFACTURER OF THE GOODS ACQUIRED. BUYER CONSENTS AND AGREES THAT ALL CLAIMS OF BUYER WITH RESPECT TO THE CONDITION OR PERFORMANCE OF SUCH GOODS SHALL BE MADE DIRECTLY BY BUYER TO SUCH MANUFACTURERS. VIKING HEREBY DISCLAIMS ALL WARRANTIES WITH REGARDS TO SUCH GOODS. IN THE EVENT THAT BUYER HAS SUCH A CLAIM, BUYER SHALL CONTACT MANUFACTURER DIRECTLY.
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