

For Residential Fire Sprinkler Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

RF PEX™ Residential Fire Tubing

Sizes: 3/4" – 1" (20 – 25mm)

RF PEX™ Tubing is used 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." RF PEX™ tubing's unique orange tracer stripe facilitates fire official's inspection.

UL Listed Pressures and Temperatures

80psi (552 kPa) at 200°F (93.3°C)
(If RF Tubing is used for Hot Water Lines,
Not intended for Fire Suppression use)

100psi (689 kPa) at 180°F (82.2°C)
(If RF Tubing is used for Hot Water Lines,
Not intended for Fire Suppression use)

130psi (896 kPa) at 120°F (48.9°C)
(Residential Fire Rating)

160psi (1103 kPa) at 73.4°F (23°C)
(For Reference Only)

Specifications

RF PEX™ Tubing is only to be used with RF PEX™ Fittings, RF PEX™ Sprinkler Fittings and Copper CrimpRings™ all of which are UL 1821 listed. These products are designed for use with residential 13D multipurpose fire suppression piping and potable water plumbing applications. RF PEX™ tubing also has an orange tracer stripe to aid in identification.

***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

Approvals

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 American Society for Testing and Materials (ASTM) F-876 and F-877 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 E-84 and CAN/ULC 102.2 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.

Dimensions – Weights

MODEL	NORMAL TUBING SIZE		COIL/STICK LENGTH		BEND RADIUS		FLUID CAPACITY PER 100°		PKG. WEIGHT			
	ID <i>in.</i> <i>mm</i>	OD <i>in.</i> <i>mm</i>	<i>ft.</i> <i>cm</i>	<i>in.</i> <i>mm</i>	<i>gals.</i> <i>ltrs.</i>	<i>lbs.</i> <i>kgs.</i>						
COILS												
FPTC12-100W-OS	¾	20	7/8	22	100	3048	5.25	133	1.9	7.22	10.5	4.8
FPTC12-250W-OS	¾	20	7/8	22	250	7620	5.25	133	1.9	7.22	26.25	12
FPTC12-300W-OS	¾	20	7/8	22	300	9144	5.25	133	1.9	7.22	31	14.1
FPTC12-500W-OS	¾	20	7/8	22	500	15240	5.25	133	1.9	7.22	45	20.4
FPTC12-1000W-OS	¾	20	7/8	22	1000	30480	5.25	133	1.9	7.22	106	48
FPTC16-100W-OS	1	25	1 1/8	29	100	3048	6.75	171	3.10	11.78	18	8.2
FPTC16-300W-OS	1	25	1 1/8	29	300	9144	6.75	171	3.10	11.78	54	24.6
FPTC16-500W-OS	1	25	1 1/8	29	500	15240	6.75	171	3.10	11.78	90	41
STICKS												
FPTS12-10W-OS	¾	20	7/8	22	20	610	5.25	133	1.9	7.22	18	8.16
FPTS12-25W-OS	¾	20	7/8	22	20	610	5.25	133	1.9	7.22	45	20.4
FPTS16-5W-OS	1	25	1 1/8	29	20	610	6.75	171	3.10	11.78	50	22.7



A Watts Water Technologies Company



ISO 9001-2008
CERTIFIED

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