

For Residential and Commercial Applications

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

LEAD FREE*
WaterPEX®a Tubing

WaterPEX®a Tubing is a cross-linked polyethylene tubing used for potable water applications. WaterPEX®a is manufactured without an oxygen barrier.

Temperature – Pressure

Maximum Working Pressure:
 160psi (11 bar) @ 73.4°F (23°C)
 100psi (6.9 bar) @ 180°F (80°C)
 80psi (5.5 bar) @ 200°F (93°C)

Specifications

System shall be plumbed using Watts WaterPEX®a cross-linked polyethylene pipe, and all joints shall be made using Watts brass CrimpRing™ and/or Poly-alloy CrimpRing™ fittings using either the Watts copper CrimpRing™ or stainless steel CinchClamp™** crimping methods or Watts Brass or EP F1960 fittings and expansion sleeve as outlined in the fitting instruction sheets..

NOTICE

****Watts CinchClamp™ should not be used with wrought copper PEX fittings..

Connections

WaterPEX®a is connected to WaterPEX® manifolds or barbed fittings using one of two connection systems, depending on manifold type or fitting system specified. See chart below:

✓ FITTING STYLE	DESCRIPTION
CrimpRing Fittings	Ductile Copper CrimpRing™ compressed over WaterPEX/CrimpRing fitting.
Compression Fittings	Brass Compression Nut tightened around WaterPEX® and CompNut™ fitting.

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.



WPaTC

Approvals



- Manufactured in accordance with American Society for Testing and Materials (ASTM International) F876 and F877 to SDR-9 dimensional standards
- Listed by the NSF International to NSF Standards 14 and 61 for use in potable water systems
- Listed by NSF International to be in compliant to the Uniform Plumbing Code™
- Labeled B137.5 which indicates that it is compliant to the CSA Standards B137.5
- Certified to PEX 3006 by NSF
- ASTM E84 and CAN/ULC S102.2 smoke developed and flame spread classification
- Fire resistance per CAN/ULC S101 and ASTM E119-08

⚠ WARNING

WaterPEX® Tubing is not approved for fire protection applications.

NOTICE

Inquire with governing authorities for local installation requirements

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

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.



Dimensions – Weights

MODEL	NOMINAL SIZE		COIL / STICK LENGTH		BEND RADIUS		FLUID CAPACITY PER 100'		PKG WEIGHT			
	ID in	mm	OD in	mm	ft	cm	in	mm	US Gal	litres	Lbs.	Kgs
Red Coils												
WPaTC08-100R	½	15	⅝	16	100	3048	5	127	.96	2.10	4.5	2
WPaTC08-300R	½	15	⅝	16	300	9144	5	127	2.88	6.3	13.5	6
WPaTC08-500R	½	15	⅝	16	500	15240	5	127	4.8	10.5	22.5	10
WPaTC12-100R	¾	20	⅞	22	100	3048	7	178	1.9	7.22	10.5	4.8
WPaTC12-300R	¾	20	⅞	22	300	9144	7	178	5.7	21.66	31.5	14.4
WPaTC12-500R	¾	20	⅞	22	500	15240	7	178	9.5	36.1	52.5	24
WPaTC12-1000R	¾	20	⅞	22	1000	30480	7	178	19	72.2	105	48
WPaTC16-100R	1	25	1½	29	100	3048	10	254	3.1	11.78	18	8.2
WPaTC16-500R	1	25	1½	29	500	15240	10	254	15.5	58.9	90	41

Blue Coils

WPaTC08-100B	½	15	⅝	16	100	3048	5	127	.96	2.10	4.5	2
WPaTC08-300B	½	15	⅝	16	300	9144	5	127	2.88	6.3	13.5	6
WPaTC08-500B	½	15	⅝	16	500	15240	5	127	4.8	10.5	22.5	10
WPaTC12-100B	¾	20	⅞	22	100	3048	7	178	1.9	7.22	10.5	4.8
WPaTC12-300B	¾	20	⅞	22	300	9144	7	178	5.7	21.66	31.5	14.4
WPaTC12-500B	¾	20	⅞	22	500	15240	7	178	9.5	36.1	52.5	24
WPaTC12-1000B	¾	20	⅞	22	1000	30480	7	178	19	72.2	105	48
WPaTC16-100B	1	25	1½	29	100	3048	10	254	3.1	11.78	18	8.2
WPaTC16-500B	1	25	1½	29	500	15240	10	254	15.5	58.9	90	41

White Coils

WPaTC06-100W	⅜	10	½	15	100	3048	4	102	.53	2.10	4.5	2
WPaTC08-100W	½	15	⅝	16	100	3048	5	127	.96	2.10	5.5	2.5
WPaTC08-300W	½	15	⅝	16	300	9144	5	127	2.88	6.3	14.5	6.6
WPaTC08-500W	½	15	⅝	16	500	15240	5	127	4.8	10.5	24	10.9
WPaTC12-100W	¾	20	⅞	22	100	3048	7	178	1.9	7.22	10.5	4.8
WPaTC12-300W	¾	20	⅞	22	300	9144	7	178	5.7	21.66	31.5	14.4
WPaTC12-500W	¾	20	⅞	22	500	15240	7	178	9.5	36.1	52.5	24
WPaTC12-1000W	¾	20	⅞	22	1000	30480	7	178	19	72.2	105	48
WPaTC16-100W	1	25	1½	29	100	3048	10	254	3.1	11.78	18	8.2
WPaTC16-300W	1	25	1½	29	300	9144	10	254	9.3	35.34	54	24.6
WPaTC16-500W	1	25	1½	29	500	15240	10	254	15.5	58.9	90	41

Red Sticks

WPaTS08-50R	½	15	⅝	16	20	610	5	127	.96	3.65	55	24.9
WPaTS12-25R	¾	20	⅞	22	20	610	7	178	1.9	7.22	45	20.4

Blue Sticks

WPaTS08-50B	½	15	⅝	16	20	610	5	127	.96	3.65	55	24.9
WPaTS12-25B	¾	20	⅞	22	20	610	7	178	1.9	7.22	45	20.4

White Sticks

WPaTS08-50W	½	15	5/8	16	20	610	5	127	.96	3.65	55	24.9
WPaTS12-25W	¾	20	7/8	22	20	610	7	178	1.9	7.22	45	20.4

