

# For Residential, Commercial and Snow Melt Applications

Job Name \_\_\_\_\_  
 Job Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Approval \_\_\_\_\_

Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_

## RadiantPEX-AL™ RadiantPEX-AL Tube

**Sizes: 3/8", 1/2", 5/8", 3/4", 1"**

Watts Radiant's RadiantPEX-AL is a multi-layered, cross-linked polyethylene tubing with an aluminum inner core for radiant floor heating and snow melting applications and distribution piping. RadiantPEX-AL is manufactured with an integral aluminum oxygen layer that prevents any oxygen diffusion through the walls of the tubing.

### Specifications

System shall be installed using Watts Radiant RadiantPEX-AL. All connections shall be made using Watts Radiant's Press or Compression fittings and in accordance with all corresponding installation guidelines.

MAX TEMPERATURE	MAX PRESSURE
200°F	100 psi
180°F	125 psi
140°F	160 psi
73°F	200 psi

### Installation

RadiantPEX-AL must be installed in accordance with all Watts Radiant installation procedures, including information provided in Watts Radiant's RadiantPEX®, RadiantPEX+™ & RadiantPEX-AL Installation Manual.

**In order to avoid property damage or injury, please refer to the complete installation manual and warnings provided with the product.**



### RadiantPEX-AL

### Standards and Listings



Manufactured in accordance with American Society for Testing and Materials (ASTM) F-1281-05.



RadiantPEX+ is tested and listed by the National Sanitation Foundation to NSF-14 (rfh).



Carries the UPC certification mark, as approved by the International Association of Plumbing and Mechanical Officials (IAPMO).

	Quant.	Model #	Order #	Description	Length (ft.)	ID (in.)	OD (in.)	Min. Bend Radius (in)	Fluid Capacity (Gal/1000')
<b>COILS</b>		RL06-200-OR	81011133	3/8" RadiantPEX-AL Coil	200	0.346	0.472	2.5	5.3
		RL0508-300-OR	81010635	1/2" RadiantPEX-AL Coil	300	0.500	0.630	3.2	9.1
		RL0508-500-OR	81010634		500				
		RL0508-1000-OR	81010637		1,000				
		RL10-300-OR	81007605	5/8" RadiantPEX-AL Coil	300	0.637	0.787	4.0	16.2
		RL10-1200-OR	81007606		1,200				
		RL12-100-OR	81007607	3/4" RadiantPEX-AL Coil	100	0.806	0.984	5.5	25.3
		RL12-300-OR	81007608		300				
		RL12-500-OR	81007609		500				
		RL16-100-OR	81007610	1" RadiantPEX-AL Coil	100	1.032	1.260	6.5	39.5
	RL16-300-OR	81007611	300						
<b>STICKS</b>		RL0508-20-OR	81010636	1/2" RadiantPEX-AL Sticks, 25/bundle	20	0.500	0.630	3.2	9.1
		RL10-20-OR	81008574	5/8" RadiantPEX-AL Sticks, 25/bundle	20	0.637	0.787	4.0	16.2
		RL12-20-OR	81008575	3/4" RadiantPEX-AL Sticks, 25/bundle	20	0.806	0.984	5.5	25.3
		RL16-20-OR	81008576	1" RadiantPEX-AL Sticks, 10/bundle	20	1.032	1.260	6.5	39.5

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.

**USA:** 4500 East Progress Place, Springfield, MO 65803; [www.wattsradiant.com](http://www.wattsradiant.com)  
**Canada:** 5435 North Service Rd., Burlington, ONT. L7L 5H7; [www.wattscanada.ca](http://www.wattscanada.ca)

WR\_RadiantPEX\_AL\_Submittal\_Product | EN | 20100601 | Effective: 6/1/2010

Supersedes Previous Release

© Watts Radiant, 2010

**WattsRadiant™**  
Floor Heating & Snow Melting