## For Residential, Commercial and Snow Melt Applications

Job Name	Contractor
Job Location	Approval
Engineer	Contractor's P.O. No.
Approval	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**

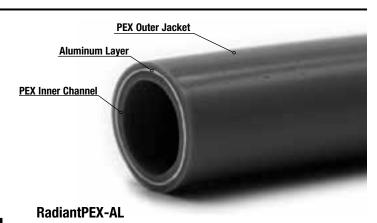
System shall be installed using Watts Radiant RadiantPEX-AL. All connections shall be made using Watts Radiant's Press or Compression fittings and in accordance with all corresponding installation guidelines.

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+ $^{\text{TM}}$  & 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.



### 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')
	RL06-200-0R	81011133	3/8" RadiantPEX-AL Coil	200	0.346	0.472	2.5	5.3
	RL0508-300-0R	81010635		300	0.500	0.630	3.2	9.1
	RL0508-500-0R	81010634	1/2" RadiantPEX-AL Coil	500				
	RL0508-1000-0R	81010637		1,000				
(0	RL10-300-0R	81007605		300	0.637	0.787	4.0	16.2
COILS	RL10-1200-0R	81007606	5/8" RadiantPEX-AL Coil	1,200				
ਲ	RL12-100-0R	81007607		100	0.806	0.984	5.5	25.3
	RL12-300-0R	81007608	3/4" RadiantPEX-AL Coil	300				
	RL12-500-0R	81007609		500				
	RL16-100-0R	81007610		100	1.032	1.260	6.5	39.5
	RL16-300-0R	81007611	1" RadiantPEX-AL Coil	300				
	RL0508-20-0R	81010636	1/2" RadiantPEX-AL Sticks, 25/bundle	20	0.500	0.630	3.2	9.1
KS	RL10-20-0R	81008574	5/8" RadiantPEX-AL Sticks, 25/bundle	20	0.637	0.787	4.0	16.2
STICKS	RL12-20-0R	81008575	3/4" RadiantPEX-AL Sticks, 25/bundle	20	0.806	0.984	5.5	25.3
·,	RL16-20-0R	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.



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