

For Residential, Commercial and Snowmelt Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

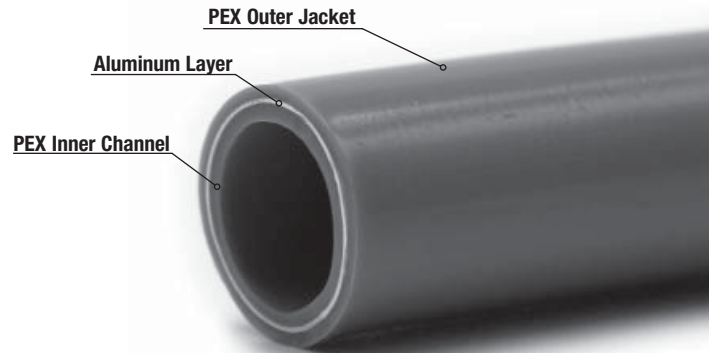
Representative _____

RadiantPEX-AL™

RadiantPEX-AL Tube

Sizes: 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 snowmelting applications and distribution piping. RadiantPEX-AL is manufactured with an integral aluminum oxygen layer that limits oxygen diffusion through the walls of the tubing to less than 0.006g/m³/day at 40°C (104°F) water temperature.



RadiantPEX-AL

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 the RadiantPEX-AL installation manual and guidelines.

RadiantPEX-AL connections should not be used with wrot copper PEX fittings. Fittings should not be installed when the ambient temperature is below 30°F (0°C).

Standards and Listings



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



Tested and listed by the National Sanitation foundation (NSF-pw – Standards 14 and 61 and NSF-rfh).



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

| | MODEL # | ORDER# | DESCRIPTION | LENGTH | NOM. ID | NOM. OD | MIN. BEND RADIUS (IN) | FLUID CAPACITY (GAL/1000') |
|-------------|--------------|----------|------------------------------------|--------|---------|---------|-----------------------|----------------------------|
| COILS | RL08-300-OR | 81007602 | | 300' | | | | |
| | RL08-500-OR | 81007601 | 1/2" RadiantPEX-AL Coil | 500' | 0.47 in | 0.63 in | 3.2 in | 9.1 |
| | RL08-1000-OR | 81007603 | | 1,000' | | | | |
| | RL10-300-OR | 81007605 | 5/8" RadiantPEX-AL Coil | 300' | 0.63 in | 0.79 in | 4.0 in | 16.2 |
| | RL10-1200-OR | 81007606 | | 1,200' | | | | |
| | RL12-100-OR | 81007607 | | 100' | | | | |
| | RL12-300-OR | 81007608 | 3/4" RadiantPEX-AL Coil | 300' | 0.79 in | 0.98 in | 5.5 in | 25.3 |
| | RL12-500-OR | 81007609 | | 500' | | | | |
| | RL16-100-OR | 81007610 | 1" RadiantPEX-AL Coil | 100' | 0.98 in | 1.26 in | 6.5 in | 39.5 |
| RL16-300-OR | 81007611 | | 300' | | | | | |
| STIX | RL08-20-OR | 81008573 | 1/2" RadiantPEX-AL Stix, 25/Bundle | 20' | 0.47 in | 0.63 in | 3.2 in | 9.1 |
| | RL10-20-OR | 81008574 | 5/8" RadiantPEX-AL Stix, 25/Bundle | 20' | 0.63 in | 0.79 in | 4.0 in | 16.2 |
| | RL12-20-OR | 81008575 | 3/4" RadiantPEX-AL Stix, 25/Bundle | 20' | 0.79 in | 0.98 in | 5.5 in | 25.3 |
| | RL16-20-OR | 81008576 | 1" RadiantPEX-AL Stix, 10/Bundle | 20' | 0.98 in | 1.26 in | 6.5 in | 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.

 **Watts Radiant**
Floor Heating & Snowmelting

A subsidiary of Watts Water Technologies, Inc.

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