

For Floor Heating and Snow Melting Applications

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

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

RadiantPEX Tubing

Sizes: 1-1/4", 1-1/2", 2"

Watts Radiant's RadiantPEX is cross-linked polyethylene tubing used for radiant floor heating, snow melting, and distribution piping. RadiantPEX is manufactured with an integral ethylene vinyl alcohol (EVOH) DIN Standard O2 barrier that limits oxygen diffusion through the walls of the tubing to less than 0.10g/m³/day at 104°F water temperature.



Specifications

MAX TEMPERATURE	MAX PRESSURE
200°F	80 psi
180°F	100 psi
73.4°F	160 psi

System shall be installed using Watts Radiant RadiantPEX tubing. All connections shall be made using Watts Radiant's CrimpRing, or Compression fittings of corresponding size and in accordance with all corresponding installation guidelines.

Installation

RadiantPEX must be installed in accordance with all Watts Radiant installation procedures, including information provided in the RadiantPEX installation manual.

Standards and Listings



RadiantPEX is manufactured to ASTM F-876 and F-877 standards, and to SDR-9 dimensions.

RadiantPEX conforms to ASTM E84 and UL263.

RadiantPEX is listed by The International Code Council Evaluation Service (ICC) to Report #ESR-1155 and PMG-1008 which give compliance to IPC, IMC, UMC, and UPC.



RadiantPEX is tested and listed by the National Sanitation Foundation to Standards (rfh) and NSF P171 (chlorine resistance).



All & RadiantPEX is certified to CSA Standard B137.5.

Quantity	Product	Model No.	I.D. (O.D.)	Stick and Coil Lengths	Bend Radius	Fluid Capacity Per 100'
	1-1/4" RadiantPEX	PB032181	1.069" (1-3/8")	20, 100, 300 ft.	11"	4.53 gal.
	1-1/2" RadiantPEX	PB032201	1.263" (1-5/8")	20, 100, 300 ft.	13"	6.32 gal.
	2" RadiantPEX	PB032221	1.653" (2-1/8")	100, 300 ft.	17"	11.15 gal.

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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