

For Residential or Commercial Radiant Heating, Cooling, and Snowmelt Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

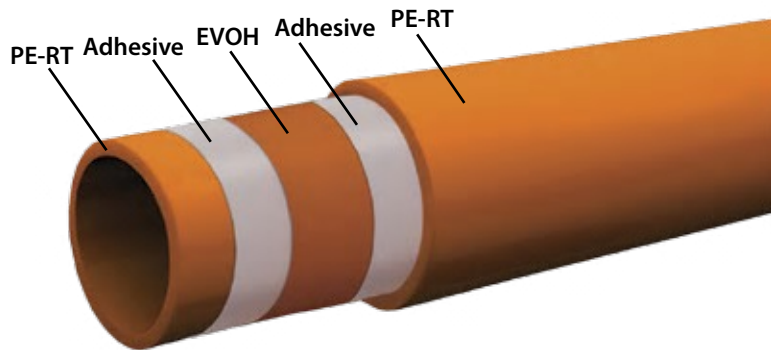
Approval _____

Representative _____

InfloorPERT® Tubing Specifications

- Sizes:** 3/8" (9.5 mm)
 1/2" (12.7 mm)
 5/8" (15.9 mm)
 3/4" (19.1 mm)
 1" (25.4 mm)

Infloor Heating Systems® InfloorPERT® is a 5-layer PE-RT (polyethylene raised temperature) tubing used for radiant heating, cooling, snow melting, and distribution piping. InfloorPERT is manufactured with an integral ethyl-ene 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 (40°C) water temperature. 5-layer InfloorPERT offers a protective PE-RT layer to the EVOH.



Specifications

Operating Temperature & Pressure	
Max. Temperature	Max. Pressure
180°F (82.2°C)	80 psi (5.5 bar)
73.4°F (22.7°C)	160 psi (11.0 bar)

System shall be installed using Infloor Heating Systems InfloorPERT tubing. All connections shall be made using Infloor CinchClamp, CrimpRing, or Compression fittings of corresponding size and in accordance with all corresponding installation guidelines.

Installation

InfloorPERT must be installed in accordance with all Infloor Heating Systems installation procedures, including information provided in Infloor's Residential Design & Installation Manual.

Codes Listings and Standards

- InfloorPERT is certified to ASTM F2623 for Polyethylene of Raised Temperature (PE-RT) SDR 9 Tubing by NSF and CSA
- InfloorPERT is PPI TR-4 listed at 73°F and 180°F
- InfloorPERT is tested and listed to Standard NSF-14(rfh)
- InfloorPERT is certified to the Uniform Mechanical Code by NSF



InfloorPERT Tubing Specifications							
Qty	Model #	Description in. (mm)	Nominal I.D. in. (mm)	Nominal O.D. in. (mm)	Stick and Coil Lengths ft. (m)	Min. Bend Radius in. (mm)	Fluid Capacity (Gal/100')
	INF25200	3/8 (9.5) InfloorPERT	0.35 (8.89)	.5 (12.7)	600 (182.9)	2.5 (63.5)	0.53 (2.4 l)
	INF25201	1/2 (12.7) InfloorPERT	0.475 (12.06)	.625 (15.87)	300 (91.4)	3.125 (79.37)	0.96 (4.4 l)
	INF25202	1/2 (12.7) InfloorPERT	0.475 (12.06)	.625 (15.87)	1000 (304.8)	3.125 (79.37)	0.96 (4.4 l)
	INF25203	5/8 (15.9) InfloorPERT	0.574 (14.57)	.750 (19.04)	500 (152.4)	3.75 (95.25)	1.39 (6.3 l)
	INF25204	5/8 (15.9) InfloorPERT	0.574 (14.57)	.750 (19.04)	1200 (362.8)	3.75 (95.25)	1.39 (6.3 l)
	INF25205	3/4 (19.1) InfloorPERT	0.671 (17.04)	.875 (22.22)	300 (91.4)	4.375 (111.12)	1.89 (8.6 l)
	INF25206	3/4 (19.1) InfloorPERT	0.671 (17.04)	.875 (22.22)	500 (152.4)	4.375 (111.12)	1.89 (8.6 l)
	INF25207	3/4 (19.1) InfloorPERT	0.671 (17.04)	.875 (22.22)	1200 (362.8)	4.375 (111.12)	1.89 (8.6 l)
	INF25208	1 (25.4) InfloorPERT	0.863 (21.92)	1.125 (28.57)	300 (91.4)	5.625 (142.87)	3.12 (14.2 l)



Infloor Heating Systems® product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact an Infloor Heating Systems representative. Infloor Heating Systems 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 Infloor Heating Systems products previously or subsequently sold.



• Radiant Made Simple •

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