

Infloor Heating Systems

InfloorPERT®

Polyethylene Raised Temperature Tubing with Oxygen Barrier



We Make Radiant Simple

For hydronic heating, cooling, snowmelt & distribution piping


INFLOOR®
HEATING SYSTEMS

America's Authority on Radiant Heating Solutions for over 30 Years.

Experience Complete Design Freedom with the Increased Flexibility & Durability of InfloorPERT®

InfloorPERT® Tubing has the flexibility and durability you want, with a proven 30-year track record, and comes with a comprehensive 25-year manufacturer's warranty. It is perfect for residential heating, commercial heating, and snowmelt applications.

InfloorPERT® (polyethylene raised temperature; PE-RT) tubing is constructed with five layers of material, giving it significant strength. The core and outermost layer are PE-RT, and sandwiched in the middle is an integral ethylene vinyl alcohol (EVOH) oxygen barrier. The five-layer tubing is more flexible and easier to install than other piping materials used in hydronic radiant heating, cooling, snowmelt, and distribution piping applications.

The things you'll love about InfloorPERT® Tubing

- Five-layer construction with the oxygen barrier on the inside
- Manufactured with Dowlex™ 2344, which offers high strength, high temperature resistance, and long life without cross-linking
- Rated at 180°F at 80 psi
- Greater flexibility and durability
- Easier to pull through joists and confined spaces
- Completely recyclable material
- Made in the USA
- 30-year proven track record
- Includes 25-year manufacturer's warranty



Love Your Floor
Like Never Before

Comfort that Goes Beyond

- Energy-efficient systems use less energy
- Eliminates airborne allergens and dust
- Home safety with no open flames
- Infloor system offers use of entire space
- System design flexibility
- Room-to-room temperature control
- Programmable thermostats
- Cable & components built to last
- Experienced Infloor representatives

Get Started Today

Contact us for a personalized quote and let us plan your new Infloor radiant heating system. We can answer any questions you may have and design a system specific to your project's requirements. We're here to help with all your radiant heating needs.

Phone: (719) 395-3400

Toll Free: (800) 608-0562

www.infloor.com info@infloor.com

The Best in Radiant Heating

Infloor Heating Systems is a pioneer in the radiant heating industry, designing and manufacturing systems since 1984. Infloor specializes in electric and hydronic radiant heating, snow and ice melt systems, and energy-saving solutions such as solar and geo thermal. The benefits of radiant heating are superior to conventional forced-air and baseboard systems. Radiant heating is energy-efficient, reducing gas and electric bills, eliminates duct work and duct losses, creates a quieter home, and is a healthier way of living for those with allergies. Infloor Heating Systems is proud to offer premium, innovative radiant heating systems and products designed to improve your everyday living and comfort.

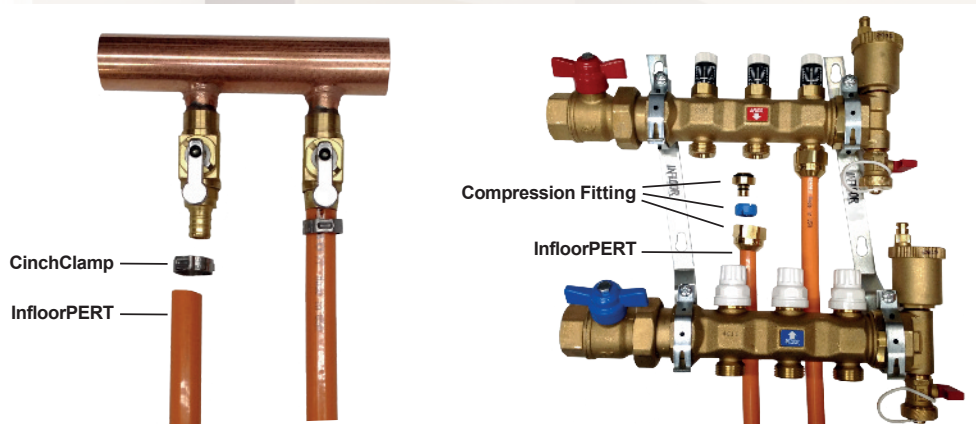
InfloorPERT® Tubing has Flexibility and Durability

InfloorPERT® is manufactured with Dowlex™ 2344, which offers high strength, high temperature resistance, and long life without cross-linking.

InfloorPERT® uses the same fast and reliable connection systems that have been used with PEX for years.

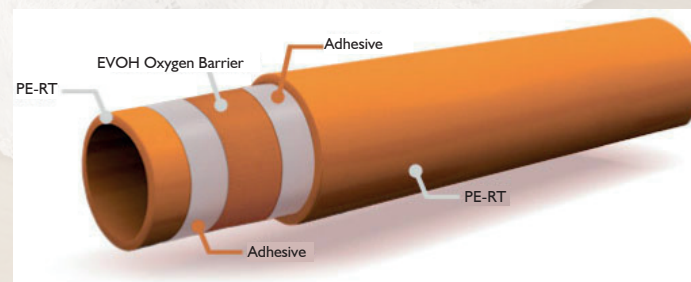
Use InfloorPERT® as distribution piping for:

- Radiant heating and cooling systems
- Snowmelt systems
- Radiators
- Baseboard
- Fan coils or kick space heaters

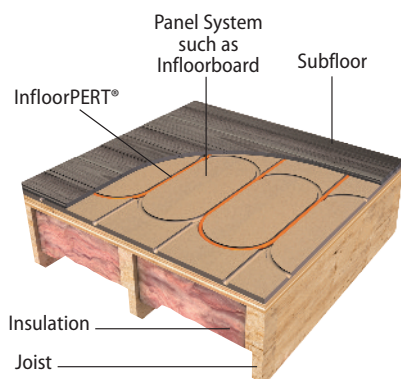


Five-layer InfloorPERT® offers several benefits over other piping materials:

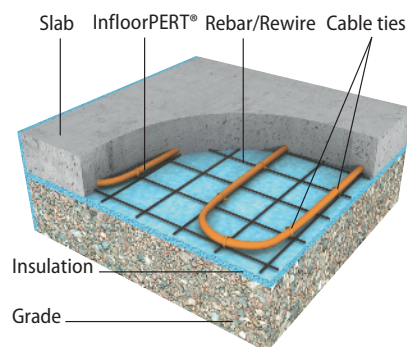
- Greater flexibility
- The outer PE-RT layer protects the oxygen barrier
- Easier to pull through joists and confined spaces
- Recyclable material



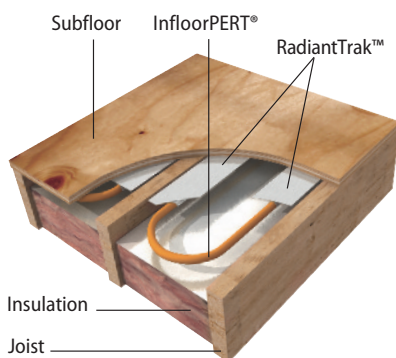
InfloorPERT® Applications



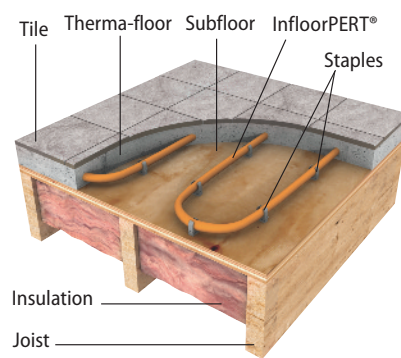
Infloor tubing installed in a dry-panel application called Infloorboard. It works great for walls and ceilings, too.



Infloor tubing installed in a concrete slab application, one of the most popular options.



Infloor tubing installed in an under-floor application called RadiantTrak, which uses heat transfer plates.



Infloor tubing installed in a Thermo-floor (gypcrete) application using staples.

- InfloorPERT® is certified to ASTM F2623 for Polyethylene of Raised Temperature (PE-RT) SDR 9 Tubing by NSF and CSA. This standard includes requirements and testing methods for materials, workmanship, dimensions, sustained hydrostatic pressure strength, and bend strength. InfloorPERT® meets or exceeds these standards.
- InfloorPERT® is tested & listed to NSF-14 (rfh).
- Maximum operating temperature & pressure:
 - 160 psi at 73°F
 - 80 psi at 180°F
- PPI TR-4 listing at 73°F and 180°F
- InfloorPERT® is certified to the Uniform Mechanical Code by NSF.

InfloorPERT Selection Chart	Model #	Description in. (mm)	Normal ID in. (mm)	Normal OD in. (mm)	Stick & 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®	0.671 (17.04)	.875 (22.22)	500 (152.4)	3.75 (95.25)	1.39 (6.3 l)
	INF25204	5/8 (15.9) InfloorPERT®	0.671 (17.04)	.875 (22.22)	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)

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Infloor Heating Systems is a division of Infloor Sales & Service.