

## Uponor helioPEX™ X2 Tubing

Submittal information  
Revision B: Feb. 22, 2017

### Project information

Job name:

Location:

Engineer:

Contractor:

Manufacturer's representative:

Part no. ordered:

Date submitted:

Submitted by:

Approved by:

### Technical data

Material:	Crosslinked polyethylene (PEX)
Thermal conductivity:	0.22 BTU/h/ft/°F
Standard grade hydrostatic ratings (PPI):	200°F at 80 psi (93.3°C at 5.51 bar); 180°F at 100 psi (82.2°C at 6.89 bar) 73.4°F at 160 psi (23°C at 11.03 bar)
Linear expansion rate:	1.1"/10°F per 100 ft. (27.94mm/5.56°C per 30.48m)



### Product information and application use

Uponor helioPEX™ X2 tubing is used for closed-loop radiant heating applications. It has an oxygen-diffusion barrier that meets German DIN 4726/9. A polyethylene layer is extruded over the oxygen barrier to protect from site abuse and moisture saturation. Uponor helioPEX X2 is not for potable applications.

✓	Description	Part number	I.D.	O.D.	Weight
	½" Uponor helioPEX X2, 300-ft. coil	H1250500	0.475"	0.625"	16.53 lbs.
	½" Uponor helioPEX X2, 500-ft. coil	H1240500	0.475"	0.625"	28.75 lbs.
	½" Uponor helioPEX X2, 1,000-ft. coil	H1220500	0.475"	0.625"	57.50 lbs.
	⅝" Uponor helioPEX X2, 400-ft. coil	H1210625	0.574"	0.750"	35.00 lbs.
	⅝" Uponor helioPEX X2, 1,000-ft. coil	H1220625	0.574"	0.750"	86.00 lbs.
	¾" Uponor helioPEX X2, 300-ft. coil	H1250750	0.671"	0.875"	30.20 lbs.
	¾" Uponor helioPEX X2, 500-ft. coil	H1240750	0.671"	0.875"	56.50 lbs.

### Installation

Approved fitting system is ProPEX®.<sup>1</sup> Refer to the Uponor Radiant Floor Heating Installation Handbook for further information.

### Standards

CSA B137.5; ANSI/NSF 14; ASTM F876; ASTM F877; ASTM F1960; ASTM E84; CAN/ULC S102.2; ASTM E119/UL 263; CAN/ULC S101; ASTM E814/ULC S115; CSA B214; DIN 4726

### Codes

ICC: IMC; IRC; IAPMO: UMC; USEHC; UFGS; NBC of Canada

### Listings<sup>2</sup>

cNSFus-rfh; cQAlus P321; UL 2846; PPI TR-4; CCMC; ASTM E84/ULC S102.2; CSA B137.5

### Related applications

Radiant heating systems  
Snow and ice melting systems  
Permafrost protection systems  
Turf conditioning systems

### Contact information

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<sup>1</sup>ProPEX® is a registered trademark of Uponor, Inc. ProPEX™ is a trademark of Uponor Ltd.

<sup>2</sup>Visit listing agency's website for complete information.