

Uponor helioPEX X2

Project Information

Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material	PEX
Temp/pressure ratings	73 °F (23 °C) at 160 psi (11 bar) 180 °F (82 °C) at 100 psi (6.9 bar) 200 °F (93 °C) at 80 psi (5.5 bar)

Product Information and application use

Manufactured using an Uponor-proprietary technology, Uponor helioPEX™ X2 is an oxygen-barrier PEX pipe that meets DIN 4726 and is designed as a competitive alternative for residential radiant heating applications. The pipe features exceptional workability, flexibility, and kink repairability and is backed by a 25-year limited warranty. Uponor helioPEX™ X2 is rated and listed by the Hydrostatic Stress Board of PPI at 93.3°C (200°F) at 80 psi, 82.2°C (180°F) at 100 psi, and 23°C (73.4°F) at 160 psi. The product offering is available in ½", ¾", or 1" coils and is compatible with ProPEX® ASTM F1960 expansion, ASTM F2080 compression, and ASTM F1807 crimp fittings.



Note: Uponor helioPEX X2 is not approved for potable-water applications.

Part name	Part no.	Inner diameter coil [mm]	Outer diameter coil [mm]	Inner diameter pipe [mm]	Outer diameter pipe [mm]	Weight per UOM [kg/UOM]
1/2" Uponor helioPEX X2, 500-ft. coil	H1240500	400.05	812.8	12.07	15.88	13.041
1/2" Uponor helioPEX X2, 1,000-ft. coil	H1220500	400.05	812.8	12.07	15.88	26.082
5/8" Uponor helioPEX X2, 400-ft. coil	H1210625	400.05	812.8	14.58	19.05	15.876
5/8" Uponor helioPEX X2, 1,000-ft. coil	H1220625	400.05	812.8	14.58	19.05	39.009
3/4" Uponor helioPEX X2, 300-ft. coil	H1250750	558.8	812.8	17.04	22.22	13.699
3/4" Uponor helioPEX X2, 500-ft. coil	H1240750	400.05	812.8	17.04	22.22	25.628
1/2" Uponor helioPEX X2, 300-ft. coil	H1250500	500.38	812.8	12.07	15.88	7.498

Part name	Part no.	Codes	Standards	Listings
Uponor helioPEX X2	All	IRC NBC of Canada UFGS UMC USEHC IMC	ASTM F877 ASTM E814 ULC S115 ASTM F1960 ULC S102.2 CSA B137.5 CSA B214 ULC S101 ASTM E84 NSF/ANSI 14	cNSFus-rfh CCMC PPI TR-4 ASTM E84 ULC S102.2 UL 2846 cQAIus P321

Installation

Approved fitting system is ProPEX®. Refer to the Uponor Radiant Floor Heating Installation Handbook for further information.

Related applications

Footnotes

Contact information

Uponor Inc.
5925 148th Street West
Apple Valley, MN 55124
T 800.321.4739
F 952.891.2008

Uponor Ltd.
6510 Kennedy Road
Mississauga, ON L5T 2X4
T 888.594.7726
F 800.638.9517