

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	cNSFus-rfh CCMC PPI TR-4 ASTM E84/ULC S102.2 UL 2846 cQAIus P321
In addition, the following parts have additional codes, standards, or listings:				
1/2" Uponor helioPEX X2, 500-ft. coil	H1240500		NSF/ANSI 14	
1/2" Uponor helioPEX X2, 1,000-ft. coil	H1220500		NSF-14	
5/8" Uponor helioPEX X2, 400-ft. coil	H1210625		NSF-14	
5/8" Uponor helioPEX X2, 1,000-ft. coil	H1220625		NSF-14	
3/4" Uponor helioPEX X2, 300-ft. coil	H1250750		NSF/ANSI 14	
3/4" Uponor helioPEX X2, 500-ft. coil	H1240750		NSF-14	
1/2" Uponor helioPEX X2, 300-ft. coil	H1250500		NSF/ANSI 14	

Installation

Related applications

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

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
---	---	---