

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 [inch]	Outer diameter coil [inch]	Coil width [inch]	Inner diameter pipe [inch]	Outer diameter pipe [inch]	Weight per UOM [lbs/UOM]
1/2" Uponor helioPEX X2, 500-ft. coil	H1240500	15.75	32	6.5	0.475	0.625	28.75
1/2" Uponor helioPEX X2, 1,000-ft. coil	H1220500	15.75	32	10.5	0.475	0.625	57.5
5/8" Uponor helioPEX X2, 400-ft. coil	H1210625	15.75	32	6.5	0.574	0.75	35
5/8" Uponor helioPEX X2, 1,000-ft. coil	H1220625	15.75	32	16	0.574	0.75	86
3/4" Uponor helioPEX X2, 300-ft. coil	H1250750	22	32	8	0.671	0.875	30.2
3/4" Uponor helioPEX X2, 500-ft. coil	H1240750	15.75	32	10.5	0.671	0.875	56.5
1/2" Uponor helioPEX X2, 300-ft. coil	H1250500	19.7	32	4	0.475	0.625	16.53

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	

InstallationRelated 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
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