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", ⅜", or ¾" 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|NSF/ANSI 14	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			
3/4" Uponor helioPEX X2, 300-ft. coil	H1250750			
1/2" Uponor helioPEX X2, 300-ft. coil	H1250500			

Installation

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

Related applications

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Footnotes

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Contact information

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