

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

Uponor helioPEX X2 is Uponor's new oxygen-barrier PEX pipe manufactured using an Uponor proprietary technology, proving a competitive alternative to other closed-loop radiant heating tubing products in the market. Key differentiators between Uponor helioPEX X2 and Wirsbo hePEX include, select diameters and coil lengths, not for potable applications and a 25-year limited warranty. Uponor helioPEX X2 is rated and listed by the Hydrostatic Stress Board of PPI at 200°F (93.3°C) at 80 psi, 180°F (82.2°C) at 100 psi and 73.4°F (23°C) at 160 psi and features an oxygen barrier that conforms to DIN 4726. The tubing is compatible with Uponor ProPEX and QS-style fittings and is manufactured in full compliance to ASTM F876 (including dimensional requirements for barrier tubing), ASTM F877 and CSA B137.5.



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]
5/8" Uponor helioPEX X2, 400-ft. coil	H1210625	15.75	32	6.5	0.574	0.75	35
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, 1,000-ft. coil	H1220625	15.75	32	16	0.574	0.75	86
1/2" Uponor helioPEX X2, 500-ft. coil	H1240500	15.75	32	6.5	0.475	0.625	28.75
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
3/4" Uponor helioPEX X2, 300-ft. coil	H1250750	22	32	8	0.671	0.875	30.2

Part name	Part no.	Codes	Standards	Listings
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-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		NSF/ANSI 14	
1/2" Uponor helioPEX X2, 300-ft. coil	H1250500		NSF/ANSI 14	
3/4" Uponor helioPEX X2, 300-ft. coil	H1250750		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

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