

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

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| - | 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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