

# 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

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|---|---|---|
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