

Uponor AquaPEX red coils

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 AquaPEX® red tubing is an Engel-method, PEX-a pipe designed for hot potable-water distribution, but can also be used in radiant heating and cooling systems containing no ferrous corrodible components or where ferrous components are isolated from the tubing.

Note: Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PEX Piping Systems Design and Installation Manual.



| 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 AquaPEX Red, 100-ft. coil   | F2040500 | 15.75                      | 23.5                       | 3.5               | 0.475                      | 0.625                      | 6                        |
| 1/2" Uponor AquaPEX Red, 300-ft. coil   | F2060500 | 19.7                       | 32                         | 4                 | 0.475                      | 0.625                      | 18                       |
| 1/2" Uponor AquaPEX Red, 1,000-ft. coil | F2120500 | 15.75                      | 32                         | 10.5              | 0.475                      | 0.625                      | 54                       |
| 3/4" Uponor AquaPEX Red, 100-ft. coil   | F2040750 | 15.75                      | 32                         | 3                 | 0.671                      | 0.875                      | 10                       |
| 3/4" Uponor AquaPEX Red, 300-ft. coil   | F2060750 | 22                         | 32                         | 8                 | 0.671                      | 0.875                      | 34                       |
| 3/4" Uponor AquaPEX Red, 500-ft. coil   | F2100750 | 15.75                      | 32                         | 10.5              | 0.671                      | 0.875                      | 54                       |
| 1" Uponor AquaPEX Red, 300-ft. coil     | F2061000 | 22.7                       | 32                         | 16                | 0.862                      | 1.125                      | 56                       |
| 1" Uponor AquaPEX Red, 100-ft. coil     | F2041000 | 22.7                       | 32                         | 6.5               | 0.862                      | 1.125                      | 20                       |

| Part name   | Part no. | Codes   | Standards  | Listings   |
|---|----------|---|--|--|
| Uponor AquaPEX red coils  | All      | IMC UPC IBC IRC NBC of Canada IPC UFGS NPC of Canada UMC NSPC | ASTM F1960 ASTM E119/UL 263 ASTM F876 ASTM E84 ASTM F2023 ASTM E814/ULC S115 ASTM F877 CSA B137.5 ULC S102.2 CSA B214 ULC S101 | IAPMO-ES ICC-ES-PMG cNSFus-pw CCMC PPI TR-4 CSA UL U.P.Code cQAlus P321 HUD MR 1269 BMEC |
| In addition, the following parts have additional codes, standards, or listings: |          |   |  |  |
| 1/2" Uponor AquaPEX Red, 100-ft. coil   | F2040500 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 1/2" Uponor AquaPEX Red, 300-ft. coil   | F2060500 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 1/2" Uponor AquaPEX Red, 1,000-ft. coil   | F2120500 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 3/4" Uponor AquaPEX Red, 100-ft. coil   | F2040750 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 3/4" Uponor AquaPEX Red, 300-ft. coil   | F2060750 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 3/4" Uponor AquaPEX Red, 500-ft. coil   | F2100750 |   | AWWA C904 NSF-61 NSF-14  |  |
| 1" Uponor AquaPEX Red, 300-ft. coil   | F2061000 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 1" Uponor AquaPEX Red, 100-ft. coil   | F2041000 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |

Installation

Related applications

Approved fitting system is ProPEX®1. Refer to the Uponor ProPEX Connections Instructional Guide, the Uponor Professional Plumbing Installation Guide or the Uponor Piping Pocket Guide for more information.

PEX-a Plumbing Systems

| Footnotes |  | Contact information    |                         |
|-----------|--|------------------------|-------------------------|
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