# Uponor AquaPEX white 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)<br>180 °F (82 °C) at 100 psi (6.9 bar)<br>200 °F (93 °C) at 80 psi (5.5 bar) |

## Product information and application use

Uponor AquaPEX White is an Engel-method, PEX-a pipe designed for hot and cold domestic potable water distribution and residential fire safety as well as radiant heating/cooling and hydronic piping systems containing no ferrous corrodible components or where ferrous components are isolated from the piping. The product features a black print string that displays the brand name, manufacturing method, and various codes, standards, and listings.

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] |
|---|---|---|---|---|---|---|---|---|
| | 1/4" Uponor AquaPEX White, 100-ft. coil | F1040250 | 10.5 | 16 | 2.5 | 0.241 | 0.375 | 4 |
| | 3/8" Uponor AquaPEX White, 400-ft. coil | F1090375 | 15.75 | 32 | 4.5 | 0.35 | 0.5 | 20 |
| | 3/8" Uponor AquaPEX White, 1,000-ft. coil | F1120375 | 15.75 | 32 | 6.5 | 0.35 | 0.5 | 44 |
| | 1/2" Uponor AquaPEX White, 100-ft. coil | F1040500 | 15.75 | 23.5 | 3.5 | 0.475 | 0.625 | 6 |
| | 1/2" Uponor AquaPEX White, 300-ft. coil | F1060500 | 19.7 | 32 | 4 | 0.475 | 0.625 | 18 |
| | 1/2" Uponor AquaPEX White, 500-ft. coil | F1100500 | 15.75 | 32 | 6.5 | 0.475 | 0.625 | 27.6 |
| | 1/2" Uponor AquaPEX White, 1,000-ft. coil | F1120500 | 15.75 | 32 | 10.5 | 0.475 | 0.625 | 54 |
| | 5/8" Uponor AquaPEX White, 300-ft. coil | F1060625 | 15.75 | 32 | 6.5 | 0.574 | 0.75 | 28 |
| | 5/8" Uponor AquaPEX White, 1,000-ft. coil | F1120625 | 15.75 | 32 | 16 | 0.574 | 0.75 | 86 |
| | 3/4" Uponor AquaPEX White, 100-ft. coil | F1040750 | 15.75 | 32 | 3 | 0.671 | 0.875 | 10 |
| | 3/4" Uponor AquaPEX White, 300-ft. coil | F1060750 | 22 | 32 | 8 | 0.671 | 0.875 | 34 |
| | 3/4" Uponor AquaPEX White, 500-ft. coil | F1100750 | 15.75 | 32 | 10.5 | 0.671 | 0.875 | 54 |
| | 1" Uponor AquaPEX White, 100-ft. coil | F1041000 | 22.7 | 32 | 6.5 | 0.862 | 1.125 | 20 |
| | 1" Uponor AquaPEX White, 300-ft. coil | F1061000 | 22.7 | 32 | 16 | 0.862 | 1.125 | 56 |
| ✔ | 1" Uponor AquaPEX White, 500-ft. coil | F1101000 | 22.7 | 40 | 13.8 | 0.862 | 1.125 | 93 |
| | 1 1/4" Uponor AquaPEX White, 100-ft. coil | F1061250 | 27 | 45 | 6 | 1.054 | 1.375 | 34 |
| | 1 1/4" Uponor AquaPEX White, 300-ft. coil | F1021250 | 27 | 45 | 18.5 | 1.054 | 1.375 | 106 |
| | 1 1/2" Uponor AquaPEX White, 100-ft. coil | F1061500 | 27 | 45 | 6 | 1.244 | 1.625 | 44 |
| | 1 1/2" Uponor AquaPEX White, 300-ft. coil | F1021500 | 27 | 45 | 19 | 1.244 | 1.625 | 133 |
| | 2" Uponor AquaPEX White, 100-ft. coil | F1062000 | 26.5 | 44 | 9 | 1.629 | 2.125 | 68.2 |
| | 2" Uponor AquaPEX White, 200-ft. coil | F1052000 | 27 | 46 | 13 | 1.629 | 2.125 | 136.4 |
| | 2" Uponor AquaPEX White, 300-ft. coil | F1022000 | 26.5 | 51 | 15 | 1.629 | 2.125 | 204.6 |
| | 2 1/2" Uponor AquaPEX White, 100-ft. coil | F1062500 | 64 | 80 | 16 | 2.011 | 2.625 | 88 |
| | 3" Uponor AquaPEX White, 100-ft. coil | F1063000 | 62.5 | 80 | 19 | 2.398 | 3.125 | 128 |

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| Part name | Part no. | Codes | Standards | Listings |
|---|---|---|---|---|
| Uponor AquaPEX white coils | All | UPC\|IMC\|NBC of Canada\|IPC\|IBC\|IRC\|UMC\|NSPC\|UFGS\|NPC of Canada | ASTM E119/UL 263\|ASTM F1960\|ASTM E84\|ASTM F2023\|ASTM E814/ULC S115\|CSA B214\|CSA B137.5\|NSF/ANSI 14\|NSF/ANSI/CAN 61\|ASTM F876\|ASTM F877\|ULC S102.2\|ULC S101 | IAPMO-ES\|ICC-ES-PMG\|CSA\|CCMC\|PPI TR-4\|cQAIus P321\|UL\|U.P.Code\|HUD MR 1269\|BMEC |
| In addition, the following parts have additional codes, standards, or listings: | | | | |
| 1/4" Uponor AquaPEX White, 100-ft. coil | F1040250 | | | cNSFus-pw |
| 3/8" Uponor AquaPEX White, 400-ft. coil | F1090375 | | | cNSFus-pw |
| 3/8" Uponor AquaPEX White, 1,000-ft. coil | F1120375 | | | cNSFus-pw |
| 1/2" Uponor AquaPEX White, 100-ft. coil | F1040500 | | | cNSFus-pw |
| 1/2" Uponor AquaPEX White, 300-ft. coil | F1060500 | | | cNSFus-pw |
| 1/2" Uponor AquaPEX White, 500-ft. coil | F1100500 | | | cNSFus-pw |
| 1/2" Uponor AquaPEX White, 1,000-ft. coil | F1120500 | | | cNSFus-pw |
| 5/8" Uponor AquaPEX White, 300-ft. coil | F1060625 | | | cNSFus-pw |
| 5/8" Uponor AquaPEX White, 1,000-ft. coil | F1120625 | | | cNSFus-pw |
| 3/4" Uponor AquaPEX White, 100-ft. coil | F1040750 | | UL 1821 | cNSFus-pw-fs |
| 3/4" Uponor AquaPEX White, 300-ft. coil | F1060750 | | UL 1821 | cNSFus-pw-fs |
| 3/4" Uponor AquaPEX White, 500-ft. coil | F1100750 | | UL 1821 | cNSFus-pw-fs |
| 1" Uponor AquaPEX White, 100-ft. coil | F1041000 | | UL 1821 | cNSFus-pw-fs |
| 1" Uponor AquaPEX White, 300-ft. coil | F1061000 | | UL 1821 | cNSFus-pw-fs |
| 1" Uponor AquaPEX White, 500-ft. coil | F1101000 | | UL 1821 | cNSFus-pw-fs |
| 1 1/4" Uponor AquaPEX White, 100-ft. coil | F1061250 | | UL 1821 | cNSFus-pw-fs |
| 1 1/4" Uponor AquaPEX White, 300-ft. coil | F1021250 | | UL 1821 | cNSFus-pw-fs |
| 1 1/2" Uponor AquaPEX White, 100-ft. coil | F1061500 | | | cNSFus-pw |
| 1 1/2" Uponor AquaPEX White, 300-ft. coil | F1021500 | | | cNSFus-pw |
| 2" Uponor AquaPEX White, 100-ft. coil | F1062000 | | | cNSFus-pw |
| 2" Uponor AquaPEX White, 200-ft. coil | F1052000 | | | cNSFus-pw |
| 2" Uponor AquaPEX White, 300-ft. coil | F1022000 | | | cNSFus-pw |
| 2 1/2" Uponor AquaPEX White, 100-ft. coil | F1062500 | | | cNSFus-pw |
| 3" Uponor AquaPEX White, 100-ft. coil | F1063000 | | | cNSFus-pw |

## Installation

Use ProPEX® fittings for $^{3}/_{8}$" through 3" pipe. 1 Refer to the ProPEX Connections Instructional Guide, Uponor Piping Pocket Guide, Plumbing Design Assistance Manual (PDAM), Complete Design Assistance Manual (CDAM), Hydronic Piping Design Assistance Manual (HPDAM) or AquaSAFE™ Residential Fire Sprinkler Installation Guide for more information.

## Related applications

PEX-a Plumbing Systems

Radiant Heating and Cooling Systems

Hydronic Piping Systems

AquaSAFE™ Fire Safety Systems

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