

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) |
| | 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 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 [mm] | Outer diameter coil [mm] | Inner diameter pipe [mm] | Outer diameter pipe [mm] | Weight per UOM [kg/UOM] |
|---|----------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| 1/4" Uponor AquaPEX White, 100-ft. coil | F1040250 | 266.7 | 406.4 | 6.12 | 9.52 | 1.814 |
| 3/8" Uponor AquaPEX White, 400-ft. coil | F1090375 | 400.05 | 812.8 | 8.89 | 12.7 | 9.072 |
| 3/8" Uponor AquaPEX White, 1,000-ft. coil | F1120375 | 400.05 | 812.8 | 8.89 | 12.7 | 19.958 |
| 1/2" Uponor AquaPEX White, 100-ft. coil | F1040500 | 400.05 | 596.9 | 12.07 | 15.88 | 2.722 |
| 1/2" Uponor AquaPEX White, 300-ft. coil | F1060500 | 500.38 | 812.8 | 12.07 | 15.88 | 8.165 |
| 1/2" Uponor AquaPEX White, 1,000-ft. coil | F1120500 | 400.05 | 812.8 | 12.07 | 15.88 | 24.494 |
| 5/8" Uponor AquaPEX White, 300-ft. coil | F1060625 | 400.05 | 812.8 | 14.58 | 19.05 | 12.701 |
| 5/8" Uponor AquaPEX White, 1,000-ft. coil | F1120625 | 400.05 | 812.8 | 14.58 | 19.05 | 39.009 |
| 3/4" Uponor AquaPEX White, 100-ft. coil | F1040750 | 400.05 | 812.8 | 17.04 | 22.22 | 4.536 |
| 3/4" Uponor AquaPEX White, 300-ft. coil | F1060750 | 558.8 | 812.8 | 17.04 | 22.22 | 15.422 |
| 1" Uponor AquaPEX White, 100-ft. coil | F1041000 | 576.58 | 812.8 | 21.9 | 28.58 | 9.072 |
| 1" Uponor AquaPEX White, 300-ft. coil | F1061000 | 576.58 | 812.8 | 21.9 | 28.58 | 25.401 |
| 1" Uponor AquaPEX White, 500-ft. coil | F1101000 | 576.58 | 1016 | 21.9 | 28.58 | 42.185 |
| 1 1/4" Uponor AquaPEX White, 100-ft. coil | F1061250 | 685.8 | 1143 | 26.77 | 34.92 | 15.422 |
| 1 1/4" Uponor AquaPEX White, 300-ft. coil | F1021250 | 685.8 | 1143 | 26.77 | 34.92 | 48.081 |
| 1 1/2" Uponor AquaPEX White, 100-ft. coil | F1061500 | 685.8 | 1143 | 31.6 | 41.28 | 19.958 |
| 1 1/2" Uponor AquaPEX White, 300-ft. coil | F1021500 | 685.8 | 1143 | 31.6 | 41.28 | 60.328 |
| 2" Uponor AquaPEX White, 100-ft. coil | F1062000 | 673.1 | 1117.6 | 41.38 | 53.98 | 30.935 |
| 2" Uponor AquaPEX White, 200-ft. coil | F1052000 | 685.8 | 1168.4 | 41.38 | 53.98 | 61.871 |
| 2" Uponor AquaPEX White, 300-ft. coil | F1022000 | 673.1 | 1295.4 | 41.38 | 53.98 | 92.806 |
| 2 1/2" Uponor AquaPEX White, 100-ft. coil | F1062500 | 1625.6 | 2032 | 51.08 | 66.68 | 39.917 |
| 2 1/2" Uponor AquaPEX White, 300-ft. coil | F1022500 | 1460.5 | 2032 | 51.08 | 66.68 | 119.75 |
| 3" Uponor AquaPEX White, 100-ft. coil | F1063000 | 1587.5 | 2032 | 60.91 | 79.38 | 58.061 |
| 3" Uponor AquaPEX White, 300-ft. coil | F1023000 | 1587.5 | 2108.2 | 60.91 | 79.38 | 174.181 |
| 1/2" Uponor AquaPEX White, 500-ft. coil | F1100500 | 400.05 | 812.8 | 12.07 | 15.88 | 12.519 |
| 3/4" Uponor AquaPEX White, 500-ft. coil | F1100750 | 400.05 | 812.8 | 17.04 | 22.22 | 24.494 |

| Part name | Part no. | Codes | Standards | Listings |
|---|----------|---|--|--|
| Uponor AquaPEX white 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 CCMC PPI TR-4 CSA UL U.P.Code cQAIus P321 HUD MR 1269 BMEC |
| In addition, the following parts have additional codes, standards, or listings: | | | | |
| 1/4" Uponor AquaPEX White, 100-ft. coil | F1040250 | | NSF-61 NSF-14 | cNSFus-pw |
| 3/8" Uponor AquaPEX White, 400-ft. coil | F1090375 | | NSF-61 NSF-14 | cNSFus-pw |
| 3/8" Uponor AquaPEX White, 1,000-ft. coil | F1120375 | | NSF-61 NSF-14 | cNSFus-pw |
| 1/2" Uponor AquaPEX White, 100-ft. coil | F1040500 | | NSF-61 NSF-14 | cNSFus-pw |
| 1/2" Uponor AquaPEX White, 300-ft. coil | F1060500 | | NSF/ANSI/CAN 61 NSF/ANSI 14 | cNSFus-pw |
| 1/2" Uponor AquaPEX White, 1,000-ft. coil | F1120500 | | NSF-61 NSF-14 | cNSFus-pw |
| 5/8" Uponor AquaPEX White, 300-ft. coil | F1060625 | | NSF-61 NSF-14 | cNSFus-pw |
| 5/8" Uponor AquaPEX White, 1,000-ft. coil | F1120625 | | NSF-61 NSF-14 | cNSFus-pw |
| 3/4" Uponor AquaPEX White, 100-ft. coil | F1040750 | | UL 1821 NSF/ANSI/CAN 61 NSF/ANSI 14 | cNSFus-pw-fs |
| 3/4" Uponor AquaPEX White, 300-ft. coil | F1060750 | | UL 1821 NSF/ANSI/CAN 61 NSF/ANSI 14 | cNSFus-pw-fs |
| 1" Uponor AquaPEX White, 100-ft. coil | F1041000 | | UL 1821 NSF/ANSI/CAN 61 NSF/ANSI 14 | cNSFus-pw-fs |
| 1" Uponor AquaPEX White, 300-ft. coil | F1061000 | | UL 1821 NSF-61 NSF-14 | cNSFus-pw-fs |
| 1" Uponor AquaPEX White, 500-ft. coil | F1101000 | | UL 1821 NSF-61 NSF-14 | cNSFus-pw-fs |
| 1 1/4" Uponor AquaPEX White, 100-ft. coil | F1061250 | | UL 1821 NSF-61 NSF-14 | cNSFus-pw-fs |
| 1 1/4" Uponor AquaPEX White, 300-ft. coil | F1021250 | | UL 1821 NSF-61 NSF-14 | cNSFus-pw-fs |
| 1 1/2" Uponor AquaPEX White, 100-ft. coil | F1061500 | | NSF-61 NSF-14 | cNSFus-pw |
| 1 1/2" Uponor AquaPEX White, 300-ft. coil | F1021500 | | NSF-61 NSF-14 | cNSFus-pw |
| 2" Uponor AquaPEX White, 100-ft. coil | F1062000 | | NSF-61 NSF-14 | cNSFus-pw |
| 2" Uponor AquaPEX White, 200-ft. coil | F1052000 | | NSF-61 NSF-14 | cNSFus-pw |
| 2" Uponor AquaPEX White, 300-ft. coil | F1022000 | | NSF-61 NSF-14 | cNSFus-pw |
| 2 1/2" Uponor AquaPEX White, 100-ft. coil | F1062500 | | NSF-61 NSF-14 | cNSFus-pw |
| 2 1/2" Uponor AquaPEX White, 300-ft. coil | F1022500 | | NSF-61 NSF-14 | cNSFus-pw |
| 3" Uponor AquaPEX White, 100-ft. coil | F1063000 | | NSF-61 NSF-14 | cNSFus-pw |
| 3" Uponor AquaPEX White, 300-ft. coil | F1023000 | | NSF-61 NSF-14 | cNSFus-pw |
| 1/2" Uponor AquaPEX White, 500-ft. coil | F1100500 | | NSF/ANSI/CAN 61 NSF/ANSI 14 | cNSFus-pw |
| 3/4" Uponor AquaPEX White, 500-ft. coil | F1100750 | | UL 1821 NSF-61 NSF-14 | cNSFus-pw-fs |

| Installation | Related applications |
|---|--|
| 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. | PEX-a Plumbing Systems Radiant Heating and Cooling Systems Hydronic Piping Systems |

| Footnotes | Contact information |
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| - | <div> <div> Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 T 800.321.4739 F 952.891.2008 </div> <div> Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726 F 800.638.9517 </div> </div> |