

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<br>Radiant Heating and Cooling Systems<br>Hydronic Piping Systems |

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