

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
-	<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>