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

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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

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

Footnotes

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