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 [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, 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
	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
✔	2 1/2" Uponor AquaPEX White, 300-ft. coil	F1022500	57.5	80	20	2.011	2.625	264
	3" Uponor AquaPEX White, 100-ft. coil	F1063000	62.5	80	19	2.398	3.125	128
	3" Uponor AquaPEX White, 300-ft. coil	F1023000	62.5	83	33	2.398	3.125	384
	1/2" Uponor AquaPEX White, 500-ft. coil	F1100500	15.75	32	6.5	0.475	0.625	27.6
	3/4" Uponor AquaPEX White, 500-ft. coil	F1100750	15.75	32	10.5	0.671	0.875	54

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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

AquaSAFE™ Fire Safety Systems

Footnotes

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