

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.

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 1/4" Uponor AquaPEX White, 300-ft. coil	F1021250	27	45	18.5	1.054	1.375	106
1 1/2" Uponor AquaPEX White, 300-ft. coil	F1021500	27	45	19	1.244	1.625	133
2" Uponor AquaPEX White, 300-ft. coil	F1022000	26.5	51	15	1.629	2.125	204.6
3" Uponor AquaPEX White, 300-ft. coil	F1023000	62.5	83	33	2.398	3.125	384
1/4" Uponor AquaPEX White, 100-ft. coil	F1040250	10.5	16	2.5	0.241	0.375	4
1/2" Uponor AquaPEX White, 100-ft. coil	F1040500	15.75	23.5	3.5	0.475	0.625	6
3/4" Uponor AquaPEX White, 100-ft. coil	F1040750	15.75	32	3	0.671	0.875	10
1" Uponor AquaPEX White, 100-ft. coil	F1041000	22.7	32	6.5	0.862	1.125	20
2" Uponor AquaPEX White, 200-ft. coil	F1052000	27	46	13	1.629	2.125	136.4
1/2" Uponor AquaPEX White, 300-ft. coil	F1060500	19.7	32	4	0.475	0.625	18
5/8" Uponor AquaPEX White, 300-ft. coil	F1060625	15.75	32	6.5	0.574	0.75	28
3/4" Uponor AquaPEX White, 300-ft. coil	F1060750	22	32	8	0.671	0.875	34
1" Uponor AquaPEX White, 300-ft. coil	F1061000	22.7	32	16	0.862	1.125	56
1 1/4" Uponor AquaPEX White, 100-ft. coil	F1061250	27	45	6	1.054	1.375	34
1 1/2" Uponor AquaPEX White, 100-ft. coil	F1061500	27	45	6	1.244	1.625	44
2" Uponor AquaPEX White, 100-ft. coil	F1062000	26.5	44	9	1.629	2.125	68.2
2 1/2" Uponor AquaPEX White, 100-ft. coil	F1062500	64	80	16	2.011	2.625	88
3" Uponor AquaPEX White, 100-ft. coil	F1063000	62.5	80	19	2.398	3.125	128
3/8" Uponor AquaPEX White, 400-ft. coil	F1090375	15.75	32	4.5	0.35	0.5	20
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
1" Uponor AquaPEX White, 500-ft. coil	F1101000	22.7	40	13.8	0.862	1.125	93
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, 1,000-ft. coil	F1120500	15.75	32	10.5	0.475	0.625	54
5/8" Uponor AquaPEX White, 1,000-ft. coil	F1120625	15.75	32	16	0.574	0.75	86

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 NSF-61 ULC S101 NSF-14	IAPMO-ES ICC-ES-PMG cNSFus-pw 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 1/4" Uponor AquaPEX White, 300-ft. coil	F1021250		UL 1821	cNSFus-pw-fs
3/4" Uponor AquaPEX White, 100-ft. coil	F1040750		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
1/2" Uponor AquaPEX White, 300-ft. coil	F1060500		NSF/ANSI/CAN 61 NSF/ANSI 14	
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, 300-ft. coil	F1061000		UL 1821	cNSFus-pw-fs
1 1/4" Uponor AquaPEX White, 100-ft. coil	F1061250		UL 1821	cNSFus-pw-fs
1/2" Uponor AquaPEX White, 500-ft. coil	F1100500		NSF/ANSI/CAN 61 NSF/ANSI 14	
3/4" Uponor AquaPEX White, 500-ft. coil	F1100750		UL 1821	cNSFus-pw-fs
1" Uponor AquaPEX White, 500-ft. coil	F1101000		UL 1821	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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