

Uponor AquaPEX red 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® red tubing is an Engel-method, PEX-a pipe designed for hot potable-water distribution, but can also be used in radiant heating and cooling systems containing no ferrous corrodible components or where ferrous components are isolated from the tubing.

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]
1/2" Uponor AquaPEX Red, 100-ft. coil	F2040500	400.05	596.9	12.07	15.88	2.722
1/2" Uponor AquaPEX Red, 300-ft. coil	F2060500	500.38	812.8	12.07	15.88	8.165
1/2" Uponor AquaPEX Red, 1,000-ft. coil	F2120500	400.05	812.8	12.07	15.88	24.494
3/4" Uponor AquaPEX Red, 100-ft. coil	F2040750	400.05	812.8	17.04	22.22	4.536
3/4" Uponor AquaPEX Red, 300-ft. coil	F2060750	558.8	812.8	17.04	22.22	15.422
3/4" Uponor AquaPEX Red, 500-ft. coil	F2100750	400.05	812.8	17.04	22.22	24.494
1" Uponor AquaPEX Red, 300-ft. coil	F2061000	576.58	812.8	21.9	28.58	25.401
1" Uponor AquaPEX Red, 500-ft. coil	F2101000	576.58	1028.7	21.9	28.58	42.185
1" Uponor AquaPEX Red, 100-ft. coil	F2041000	576.58	812.8	21.9	28.58	9.072

Part name	Part no.	Codes	Standards	Listings
Uponor AquaPEX red 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 cNSFus-pw CCMC PPI TR-4 CSA UL U.P.Code cQAlus P321 HUD MR 1269 BMEC
In addition, the following parts have additional codes, standards, or listings:				
1/2" Uponor AquaPEX Red, 100-ft. coil	F2040500		NSF/ANSI/CAN 61 NSF/ANSI 14	
1/2" Uponor AquaPEX Red, 300-ft. coil	F2060500		NSF/ANSI/CAN 61 NSF/ANSI 14	
1/2" Uponor AquaPEX Red, 1,000-ft. coil	F2120500		NSF/ANSI/CAN 61 NSF/ANSI 14	
3/4" Uponor AquaPEX Red, 100-ft. coil	F2040750		NSF/ANSI/CAN 61 NSF/ANSI 14	
3/4" Uponor AquaPEX Red, 300-ft. coil	F2060750		NSF/ANSI/CAN 61 NSF/ANSI 14	
3/4" Uponor AquaPEX Red, 500-ft. coil	F2100750		AWWA C904 NSF-61 NSF-14	
1" Uponor AquaPEX Red, 300-ft. coil	F2061000		NSF/ANSI/CAN 61 NSF/ANSI 14	
1" Uponor AquaPEX Red, 500-ft. coil	F2101000		AWWA C904 NSF-61 NSF-14	
1" Uponor AquaPEX Red, 100-ft. coil	F2041000		NSF/ANSI/CAN 61 NSF/ANSI 14	

Installation	Related applications
Approved fitting system is ProPEX®1. Refer to the Uponor ProPEX Connections Instructional Guide, the Uponor Professional Plumbing Installation Guide or the Uponor Piping Pocket Guide for more information.	PEX-a Plumbing Systems

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