Pre-insulated Uponor AquaPEX 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

Pre-insulated Uponor AquaPEX® complies with the most recent versions of ASHRAE 90.1 and the International Energy Conservation Code (IECC). The product is available with ½" to 1¼" PEX-a service pipe covered in ½" or 1" insulation. The insulation features manufactured-sealed seams running the entire length of the pipe for added convenience and system performance. Check with local code authorities regarding energy-code requirements for specific applications.

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]	R value	Inner diameter Service Pipe [in]	Outer diameter Service Pipe [in]	Weight per UOM [lbs/UOM]
	1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	F6040500	19	30	8.5	0.475	1.625	3.9	0.475	0.625	8
✔	1/2" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	F6150500	19	36	12.5	0.475	2.625	7.5	0.475	0.625	11
	3/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	F6040750	19	32	12.5	0.671	1.875	3.6	0.671	0.875	12.8
	1" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	F6041000	19	31	12.5	0.862	2.125	3.4	0.862	1.125	21
	1" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	F6151000	19	40	14	0.862	3.125	6.4	0.862	1.125	30.2
	1 1/4" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	F6151250	27	40.5	12	1.054	3.375	6.1	1.054	1.375	39.2
	3/4" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	F6150750	19	39	12.5	0.671	2.874	7.9	0.671	0.875	22

Part name	Part no.	Codes	Standards	Listings
Pre-insulated Uponor AquaPEX coils	All	UPC|IMC|NBC of Canada|IPC|IBC|IRC|UMC|NSPC|UFGS|NPC of Canada	ASTM F1960|ASTM F2023|ASTM E814/ULC S115|CSA B214|CSA B137.5|NSF/ANSI 14|NSF/ANSI/CAN 61|ASTM F876|ASTM F877	IAPMO-ES|ICC-ES-PMG|CSA|CCMC|PPI TR-4|U.P.Code
In addition, the following parts have additional codes, standards, or listings:				
1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	F6040500		ULC S101	cNSFus-pw|cQAIus P321|UL
1/2" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	F6150500		ULC S101	cNSFus-pw|cQAIus P321|UL
3/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	F6040750		UL 1821|ULC S101	cQAIus P321|UL|cNSFus-pw-fs
1" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	F6041000		UL 1821|ULC S101	cQAIus P321|UL|cNSFus-pw-fs
1" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	F6151000		UL 1821|ULC S101	cQAIus P321|UL|cNSFus-pw-fs
1 1/4" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	F6151250		UL 1821	cNSFus-pw-fs
3/4" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	F6150750		UL 1821|ULC S101	cQAIus P321|UL|cNSFus-pw-fs

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Installation	Related applications
Approved fitting system is ProPEX®. Refer to the ProPEX Connections Instructional Guide, Uponor Piping Pocket Guide, PEX Piping Systems Design and Installation Manual (PDIM), 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

Notes

Operating condition limits (hydrostatic ratings):
½"-2" Uponor AquaPEX® White only: 120°F (49°C) at 130 psi (896 kPa)

Footnotes	Contact information	
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