

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® tubing is durable, flexible, corrosion-resistant and encased in 1/2" PEX-foam insulation to insulate potable water lines and meet national, state and local energy codes. The tubing is approved for use in hot and cold domestic potable water systems, residential fire safety and hydronic radiant heating and cooling systems containing no ferrous corrodible components or where ferrous components are isolated from the tubing. This product is approved for direct burial in soil and concrete



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]	R value
1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	F6040500	19	30	8.5	0.475	0.625	8	3.9
3/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	F6040750	19	32	12.5	0.671	0.875	12.8	3.6
1" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	F6041000	19	31	12.5	0.862	1.125	21	3.4
1 1/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	F6041250	27	44	12	1.054	1.375	30	3.3
1/2" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	F6150500	19	36	12.5	0.475	0.625	11	7.5
3/4" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	F6150750	19	39	12.5	0.671	0.875	22	7.9
1" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	F6151000	19	40	14	0.862	1.125	30.2	6.4
1 1/4" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	F6151250	27	40.5	12	1.054	1.375	39.2	6.1
2" Pre-insulated Uponor AquaPEX with 1 1/2" insulation, 75-ft. coil	F6162000	42	61.5	18	1.629	2.125	74.3	9.9

Installation

Approved fitting system is ProPEX®. 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

Codes

IMC|UPC|IBC|IRC|NBC of Canada|IPC|IFGS|NPC of Canada|UMC|NSPC

Standards

ASTM F1960|ASTM F876|ASTM F2023|ASTM E814|ULC S115|ASTM F877|CSA B137.5|CSA B214|NSF-61|ULC S101|NSF-14*

Listings

IAPMO-ES|ICC-ES-PMG|cNSFus-pw|CCMC|PPI TR-4|CSA|UL|U.P.Code|cQAlus P321*

Notes

Operating condition limits

(hydrostatic ratings):

1/2"-2" Uponor AquaPEX® White only: 120°F (49°C) at 130 psi (896 kPa)

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* Some SKUs in this family have additional codes, standards, or listings. Please see uponor.com for complete information.

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