

## Pre-insulated Uponor AquaPEX® with 1/2" Insulation, Coils

Submittal Information  
Revision C: Oct. 11, 2011

### Project Information

Job Name:	
Location:	Part No. Ordered:
Engineer:	Date Submitted:
Contractor:	Submitted By:
Manufacturer's Representative:	Approved By:

### Technical Data

Service Pipe:	Crosslinked polyethylene PEX-a Engel method tubing encased in 1/2" PEX-foam insulation; PEX 5106
Insulation:	Multi-layered closed-cell, cross-linked polyethylene foam
Thermal Conductivity:	0.250 Btu.in/sq.ft.h.degF
Operating Condition Limits: (hydrostatic ratings)	200°F at 80 psi (93°C at 5.5 bar) 180°F at 100 psi (82°C at 6.9 bar) 73.4°F at 160 psi (23°C at 11 bar)
Linear Expansion Rate:	1.10"/10°F/100' (27.94mm/5.56°C/30.48m)



### Product Information and Application Use

Pre-insulated Uponor AquaPEX® tubing offers all the benefits of Uponor AquaPEX (durable, flexible, corrosion-resistant) but encased in 1/2" PEX-foam insulation to insulate potable water lines and meet national, state and local energy codes. Available in 1/2" to 2" sizes.

✓ Description	Part Number	O.D.	Heat Loss (at 70° Delta T)	R-Value	Coil Size (O.D. x Width)	Weight (lb./coil)
1/2" Pre-insulated AquaPEX with 1/2" insulation, 100-ft. coil	F6040500	1.74"	8.9 BTU/hr/ft*	3.3	32.38" x 12.40"	8.0 lbs.
3/4" Pre-insulated AquaPEX with 1/2" insulation, 100-ft. coil	F6040750	2.00"	11.1 BTU/hr/ft*	3.1	32.38" x 12.40"	12.8 lbs.
1" Pre-insulated AquaPEX with 1/2" insulation, 100-ft. coil	F6041000	2.27"	13.1 BTU/hr/ft*	3.0	57.00" x 10.00"	21.0 lbs.
1 1/4" Pre-insulated AquaPEX with 1/2" insulation, 100-ft. coil	F6041250	2.53"	15.2 BTU/hr/ft*	2.9	59.00" x 10.00"	30.0 lbs.
1 1/2" Pre-insulated AquaPEX with 1/2" insulation, 100-ft. coil	F6041500	2.78"	17.1 BTU/hr/ft*	2.8	59.00" x 10.00"	42.0 lbs.
2" Pre-insulated AquaPEX with 1/2" insulation, 100-ft. coil	F6042000	3.28"	21.0 BTU/hr/ft*	2.7	64.00" x 11.00"	65.0 lbs.

\*Btu/hr/ft at 70°F Delta ( $\Delta$ )T

### Installation

Approved fitting system is ProPEX®.<sup>1</sup> See your Uponor representative for installation details. Refer to the Uponor Professional Plumbing Installation Guide for additional information.

### Standards

CSA B137.5; ASTM F876; ASTM F877; ASTM F1960; ASTM F2023; NSF/ANSI Standard 14; NSF/ANSI Standard 61; AWWA C904<sup>2</sup>

### Codes

IPC; UPC; NSPC; NPC of Canada

### Listings

IAPMO; NSF/ANSI 14- and 61-certified; ITS; HUD; CSA; ICC

### Related Applications

Uponor Plumbing Systems  
Radiant Heating and Cooling Systems  
AquaSAFE™ Fire Safety Systems

### Contact Information

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<sup>1</sup> ProPEX® is a registered trademark of Uponor, Inc. ProPEX™ is a trademark of Uponor Ltd.

<sup>2</sup>This standard applies to 3/4" Uponor AquaPEX tubing and larger.