

## Pre-sleeved AquaPEX® Tubing

Submittal Information  
Revision C: July 14, 2010

### Project Information

Job Name:

Location:

Part No. Ordered:

Engineer:

Date Submitted:

Contractor:

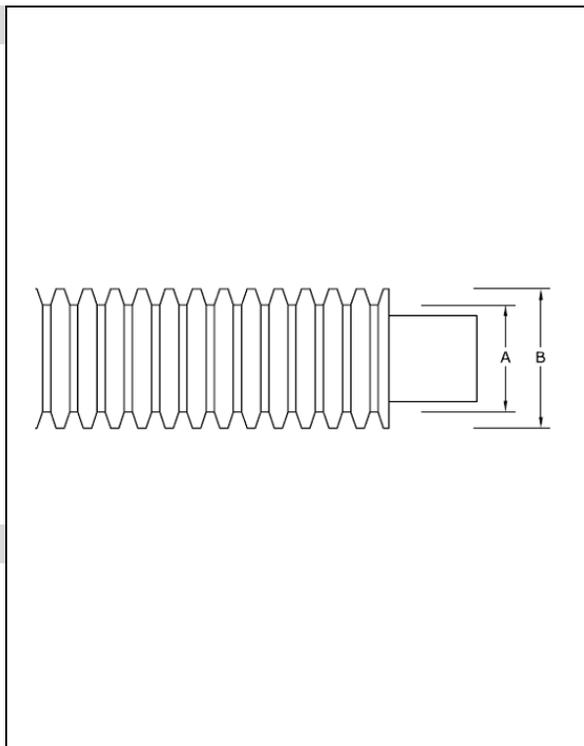
Submitted By:

Manufacturer's Representative:

Approved By:

### Technical Data

Sleeve:	High-density polyethylene (HDPE)
Tubing:	Crosslinked polyethylene PEX-a Engel method; PEX 5006
Application Temperature Continuous Operation of Sleeve:	5°F (15°C) - 200°F (93°C)
Standard Grade Hydrostatic Ratings (PPI):	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)
Hydrostatic Ratings for ½" Tubing Only:	120°F at 130 psi (49°C at 8.9 bar)
Linear Expansion Rate:	1.10"/10°F (12°C)/100'
CAN/ULC - S102.2 Flame Spread:	25 or less
CAN/ULC - S102.2 Smoke Developed:	50 or less
ASTM E84 Flame Spread:	25 or less
ASTM E84 Smoke Developed:	50 or less



### Product Information and Application Use

Pre-sleeved AquaPEX® tubing is used in hot and cold water-distribution systems. The high-density polyethylene (HDPE) corrugated sleeve provides protection for installations in concrete slabs or soil, and allows for removal and replacement of the tubing if required. **Note:** This tubing can also be used in radiant heating and cooling systems containing no ferrous corrodible components or where ferrous components are isolated from the tubing.

✓ Description	Part Number	A	B	Weight
½" Pre-sleeved Uponor AquaPEX Red, 400-ft. coil	F1092500	0.81"	1.00"	41.33 lbs.
½" Pre-sleeved Uponor AquaPEX Blue, 400-ft. coil	F1091500	0.81"	1.00"	41.33 lbs.
¾" Pre-sleeved Uponor AquaPEX Red, 400-ft. coil	F1092750	1.13"	1.36"	74.50 lbs.
¾" Pre-sleeved Uponor AquaPEX Blue, 400-ft. coil	F1091750	1.13"	1.36"	74.50 lbs.

### Installation

Approved fitting system is ProPEX®.<sup>1</sup> The installer can tie tubing to rebar with standard steel wire or other fastening devices. Pre-sleeved Uponor AquaPEX tubing will fit in all Uponor concrete floor tube brackets. Refer to the Uponor Professional Plumbing Installation Guide for additional information.

### Standards

CSA B137.5; ASTM F876; ASTM F877; ASTM F1960; ASTM F2023; ASTM F2080; NSF/ANSI Standard 14; NSF/ANSI Standard 61; AWWA C904<sup>2</sup>

### Codes

IPC; UPC; NSPC; NPC of Canada

### Listings

IAPMO; ICC ESR 1099; NSF/ANSI 14- and 61-certified; CAN/ULC-S101; UW/FCA 120-01; UW/FCA 120-02; ANSI/UL 263; UL-K913

### Related Applications

PEX-a Plumbing Systems  
Radiant Heating and Cooling 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 ¾" Uponor AquaPEX tubing and larger.