

# Pre-sleeved Uponor AquaPEX coils

## Project Information

|                                |                 |
|--------------------------------|-----------------|
| Job name:                      | Location:       |
| Engineer:                      | Date submitted: |
| Contractor:                    | Submitted by:   |
| Manufacturer's representative: | Approved by:    |

## Technical data

|                       |  |
|-----------------------|--|
| Material              | PEX  |
| Subcomponent Material | Sleeve:<br>High-density polyethylene (HDPE)  |
| Temp/pressure ratings | 73 °F (23 °C) at 160 psi (11 bar)<br>180 °F (82 °C) at 100 psi (6.9 bar)<br>200 °F (93 °C) at 80 psi (5.5 bar) |

## Product Information and application use

Pre-sleeved Uponor 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.

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] | Weight per UOM [lbs/UOM] |
|---|----------|----------------------------|----------------------------|-------------------|----------------------------|----------------------------|--------------------------|
| 1/2" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil | F1091500 | 15                         | 30                         | 9.5               | 0.475                      | 0.625                      | 41.33                    |
| 1/2" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil  | F1092500 | 15                         | 30                         | 9.5               | 0.475                      | 0.625                      | 41.33                    |
| 3/4" Pre-Sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil | F1091750 | 16                         | 30                         | 16                | 1.122                      | 1.378                      | 74.5                     |
| 3/4" Pre-Sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil  | F1092750 | 4                          | 126                        | 4                 | 1.122                      | 1.378                      | 74.5                     |

| Part name   | Part no. | Codes   | Standards   | Listings   |
|---|----------|---|---|--|
| Pre-sleeved Uponor AquaPEX coils  | All      | IMC UPC IBC IRC NBC of Canada IPC UFGS NPC of Canada UMC NSPC | ASTM F1960 ASTM F876 ASTM F2023 ASTM F877 CSA B137.5 CSA B214 NSF/ANSI/CAN 61 NSF/ANSI 14 | IAPMO-ES ICC-ES-PMG CCMC PPI TR-4 CSA UL U.P.Code HUD MR 1269 BMEC |
| In addition, the following parts have additional codes, standards, or listings: |          |   |   |  |
| 1/2" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil                       | F1091500 |   | ASTM E814 ULC S115  | cNSFus-pw  |
| 1/2" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil                        | F1092500 |   |   | cNSFus-pw cNSFus-rw  |
| 3/4" Pre-Sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil                       | F1091750 |   | ASTM E814 UL 1821   | cNSFus-pw-fs   |
| 3/4" Pre-Sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil                        | F1092750 |   | ASTM E814 UL 1821   | cNSFus-pw-fs cNSFus-rw   |

## Installation

Approved fitting system is ProPEX®. 1 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 ProPEX Connections Instructional Guide, Uponor Piping Pocket Guide or Plumbing Design Assistance Manual (PDAM) for more information.

## Related applications

- PEX-a Plumbing Systems
- Radiant Heating and Cooling Systems

## Notes

Application temperature continuous operation of sleeve:  
5°F (-15°C) to 194°F (90°C)

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