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: High-density polyethylene (HDPE)
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-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]	Inner diameter Service Pipe [in]	Outer diameter Service Pipe [in]	Weight per UOM [lbs/UOM]
1/2" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	F1091500	15	30	9.5	0.475	1	0.475	0.625	41.33
1/2" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	F1092500	15	30	9.5	0.475	1	0.475	0.625	41.33
3/4" Pre-Sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	F1091750	16	30	16	0.671	1.358	0.671	0.875	74.5
3/4" Pre-Sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	F1092750	16	30	16	0.671	1.358	0.671	0.875	74.5

Part name	Part no.	Codes	Standards	Listings
Pre-sleeved Uponor AquaPEX coils	All	UPC|IMC|NBC of Canada|IPC|IBC|IRC|UMC|NSPC|UFGS|NPC of Canada	ASTM F1960|ASTM F2023|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|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-rw|cNSFus-pw-fs

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)

Application temperature continuous operation of sleeve:

5°F (-15°C) to 194°F (90°C)

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Footnotes	Contact information	
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