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## Uponor PP-RCT hot potable pipes, SDR 9 with fiber

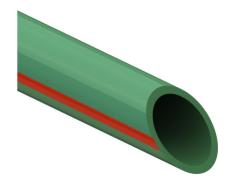
Flood montation	
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data	
Material	PP-RCT
Temp/pressure ratings	73 °F (23 °C) at 270 psi (18.6 bar)
	120 °F (49 °C) at 176 psi (12.1 bar)
	180 °F (82 °C) at 100 psi (6.9 bar)
Prop 65 label required?	No

## Product information and application use

Use Uponor PP-RCT hot potable pipe to convey water for hot potable plumbing applications. The fiber layer coextruded into the mid-wall of the pipe to reduce expansion/contraction with temperature changes also makes the pipe acceptable for use in hydronic heating and cooling applications.

**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 applicationspecific temperature and pressure ratings, refer to the Uponor PP-RCT Piping Systems Manual, the Uponor PP-RCT Piping Systems Installation Guide, and the Uponor PP-RCT DHW Systems Design, Installation, and Operation Guidelines.



Part name	Part no.	Inner diameter pipe [inch]	Outer diameter pipe [inch]	R value	Weight per UOM [lbs/UOM]
1" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13- ft. straight length	PR9221310	0.976	1.26	0.1	2.86
1 1/4" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221313	1.22	1.575	0.12	4.42
1 1/2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221315	1.528	1.969	0.15	6.89
2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13- ft. straight length	PR9221320	1.921	2.48	0.19	11.05
2 1/2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221925	2.291	2.953	0.23	22.61
3" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19- ft. straight length	PR9221930	2.748	3.543	0.27	32.68
4" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19- ft. straight length	PR9221940	3.819	4.921	0.38	62.32
6" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19- ft. straight length	PR9221960	4.89	6.299	0.48	102.03
8" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19- ft. straight length	PR9221980	6.11	7.874	0.6	159.41

Part name	Part no.	Codes	Standards	Listings
Uponor PP-RCT hot potable pipes, SDR 9 with fiber	All	UPC IRC IPC NPC of Canada UMC CMC CPC IMC	NSF/ANSI/CAN 61 ASTM E84 NSF/ANSI 14 ASTM F2389 CSA B137.11	Listings ICC-ES-PMG 1106 IAPMO-R&T 8358 QAI P321-5 IAPMO K-12775
In addition, the following parts have	additional codes, standards, or listings:			
1" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221310		NSF/ANSI 51	
1 1/4" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221313		NSF/ANSI 51	
2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221320		NSF/ANSI 51	
2 1/2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221925		NSF/ANSI 51	
3" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221930		NSF/ANSI 51	
4" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221940		NSF/ANSI 51	
6" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221960		NSF/ANSI 51	
8" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221980		NSF/ANSI 51	

## Installation

Use approved butt-fusion or socket-fusion connection methods. Refer to the Uponor  $\ensuremath{\mathsf{PP-RCT}}$  manual for complete details.

**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 PP-RCT Piping Systems Manual, the Uponor PP-RCT Piping Systems Installation Guide, and the Uponor PP-RCT DHW Systems Design, Installation, and Operation Guidelines.

Related applications

Domestic water systems

Hydronic heating and cooling systems

Footnotes	Contact information		
	Uponor Inc.	Uponor Ltd.	
	5925 148th Street West	6510 Kennedy Road	
	Apple Valley, MN 55124	Mississauga, ON L5T 2X4	
	T 800.321.4739	T 888.594.7726	
	F 952.891.2008	F 800.638.9517	