

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

Project information

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

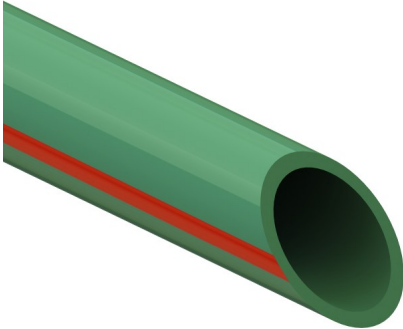
Technical data

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 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.



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 IIRC IPC NPC of Canada UMC CMC CPC IMC	NSF/ANSI/CAN 61 ASTM E84 NSF/ANSI 14 ASTM F2389 CSA B137.11	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	Related applications
<p>Use approved butt-fusion or socket-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details.</p> <p>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.</p>	<p>Domestic water systems</p> <p>Hydronic heating and cooling systems</p>

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