

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:

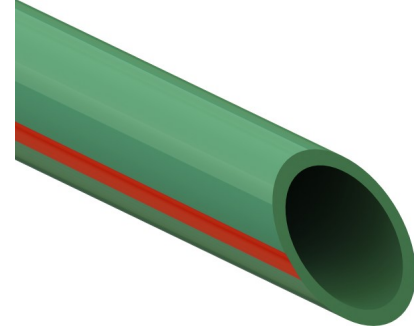
Technical data

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.	R value
1" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221310	0.1
1 1/4" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221313	0.12
1 1/2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221315	0.15
2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9221320	0.19
2 1/2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221925	0.23
3" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221930	0.27
4" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221940	0.38
6" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221960	0.48
8" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9221980	0.6

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