

# Uponor PP-RCT end caps (butt fusion)

## Project Information

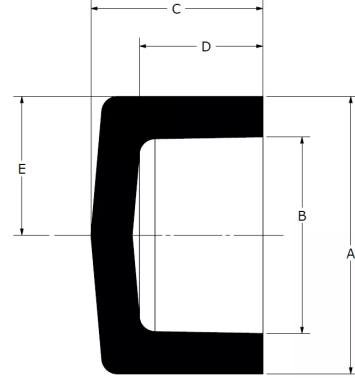
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

## Technical data

Material PP-RCT

## Product information and application use

Use Uponor PP-RCT end caps with Uponor PP-RCT mechanical pipe to convey water for hydronic heating and cooling or industrial applications.



Part name	Part no.	A [Inch]	B [Inch]	C [Inch]	D [Inch]	E [Inch]	Weight per UOM [lbs/UOM]	End Type 1	Operating Temperature 1 [°F]	Operating Temperature 2 [°F]	Operating Temperature 3 [°F]
Uponor PP-RCT End Cap, 10", SDR 11	PR11435100	9.843	8.055	4.484	3.591	4.921	5.56	Butt 10"	73 °F (23 °C) at 215 psi (23 °C)	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)
Uponor PP-RCT End Cap, 12", SDR 11	PR11435120	12.402	10.15	4.383	3.257	6.201	9.67	Butt 12"	73 °F (23 °C) at 215 psi (23 °C)	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)
Uponor PP-RCT End Cap, 6", SDR 11	PR1143560	6.299	5.087	2.92	1.654	3.15	1.58	Butt 6"	73 °F (23 °C) at 215 psi (23 °C)	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)
Uponor PP-RCT End Cap, 8", SDR 11	PR1143580	7.874	6.441	4.339	3.622	3.937	3.3	Butt 8"	73 °F (23 °C) at 215 psi (23 °C)	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)
Uponor PP-RCT End Cap, 10", SDR 17.6	PR17435100	9.874	8.693	4.48	2.913	4.937	4.68	Butt 10"	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)
Uponor PP-RCT End Cap, 12", SDR 17.6	PR17435120	12.433	10.969	4.679	2.652	6.217	8.37	Butt 12"	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)
Uponor PP-RCT End Cap, 6", SDR 17.6	PR1743560	6.299	5.512	3.002	1.689	3.15	1.36	Butt 6"	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)
Uponor PP-RCT End Cap, 8", SDR 17.6	PR1743580	7.898	6.953	4.354	3.107	3.949	2.7	Butt 8"	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)
Uponor PP-RCT End Cap, 10", SDR 9	PR9435100	9.843	7.646	4.456	3.357	4.921	6.05	Butt 10"	73 °F (23 °C) at 265 psi (23 °C)	140 °F (60 °C) at 150 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)
Uponor PP-RCT End Cap, 12", SDR 9	PR9435120	12.402	9.63	4.673	3.287	6.201	10.4	Butt 12"	73 °F (23 °C) at 265 psi (23 °C)	140 °F (60 °C) at 150 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)
Uponor PP-RCT End Cap, 6", SDR 9	PR9435600	6.299	4.89	2.92	1.689	3.15	1.67	Butt 6"	73 °F (23 °C) at 265 psi (23 °C)	140 °F (60 °C) at 150 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)
Uponor PP-RCT End Cap, 8", SDR 9	PR943580	7.874	6.11	4.357	3.475	3.937	3.65	Butt 8"	73 °F (23 °C) at 265 psi (23 °C)	140 °F (60 °C) at 150 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)

## Installation

Use approved butt-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details.

## Related applications

Hydronic heating and cooling systems  
Industrial

Codes	Standards	Listings
CMC IMC UMC	ASTM E84 NSF-14 ASTM F2389 CSA B137.11*	ICC-ES-PMG 1106 APMO-R&T 8358 QAI P321-5 APMO K-12775

Footnotes	Contact information	
<p>-</p> <p>* Some SKUs in this family have additional codes, standards, or listings. Please see <a href="http://uponor.com">uponor.com</a> for complete information.</p>	<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>