

Uponor PP-RCT flange adapters (butt fusion)

Project Information

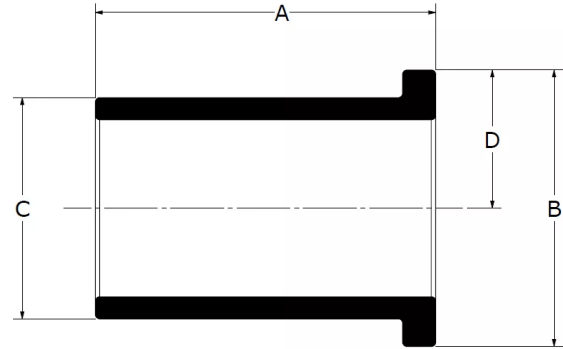
Job name :	Location :
Engineer :	Date submitted:
Contractor :	Submitted by:
Manufacturer's representative :	Approved by :

Technical data

Material PP-RCT

Product information and application use

Use Uponor PP-RCT flange adapters with Uponor PP-RCT mechanical pipe to convey water for hydronic heating and cooling or industrial applications. Note: The 4" flange adapters can be butt fused or socket fused if used with the Uponor PP-RCT Coupling, 4" x 4" (PR4774040).



Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	Weight per UOM [lbs/UOM]	End Type 1	End Type 2	Operating Temperature 1 [°F]	Operating Temperature 2 [°F]	Operating Temperature 3 [°F]
Uponor PP-RCT Flange Adapter, 10", SDR 11	PR11298100	6.496	12.598	9.843	6.299	7.16	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 Flange Adapter, 12", SDR 11	PR11298120	6.496	14.567	12.402	7.283	9.87	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 Flange Adapter, 4", SDR 11, Butt or Socket Fused with Coupling	PR1129840	7.697	6.205	4.961	3.102	2.03	Butt 4"	-	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 Flange Adapter, 6", SDR 11	PR1129860	7.697	8.504	6.339	4.252	3.64	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 Flange Adapter, 8", SDR 11	PR1129880	6.496	10.433	7.874	5.217	4.85	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 Flange Adapter, 10", SDR 17.6	PR17298100	6.496	12.598	9.843	6.299	5.46	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 Flange Adapter, 12", SDR 17.6	PR17298120	6.496	14.567	12.402	7.283	7.17	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 Flange Adapter, 4", SDR 17.6, Butt or Socket Fused with Coupling	PR1729840	7.697	6.205	4.961	3.102	1.43	Butt 4"	-	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 Flange Adapter, 6", SDR 17.6	PR1729860	7.697	8.504	6.339	4.252	2.85	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 Flange Adapter, 8", SDR 17.6	PR1729880	5.315	10.433	7.898	5.217	3.27	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 Flange Adapter, 10", SDR 9	PR9298100	6.496	12.598	9.843	6.299	8.12	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 Flange Adapter, 12", SDR 9	PR9298120	6.496	14.567	12.402	7.283	11.41	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 Flange Adapter, 4", SDR 9, Butt or Socket	PR929840	3.937	6.496	4.921	3.248	1.31	Butt 4"	-	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)

Fused with Coupling

Uponor PP-RCT Flange Adapter, 6", SDR 9	PR929860	7.697	8.504	6.339	4.252	3.94	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 Flange Adapter, 8", SDR 9	PR929880	6.496	10.433	7.874	5.217	5.38	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	Related applications
Use approved butt-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details.	Hydronic heating and cooling systems Industrial

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

Footnotes	Contact information		
- * Some SKUs in this family have additional codes, standards, or listings. Please see uponor.com for complete information.	<table border="0"> <tr> <td style="text-align: center;">Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 T 800.321.4739 F 952.891.2008</td> <td style="text-align: center;">Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726 F 800.636.9517</td> </tr> </table>	Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 T 800.321.4739 F 952.891.2008	Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726 F 800.636.9517
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