Uponor PP-RCT flange adapters (butt fusion)

Project information

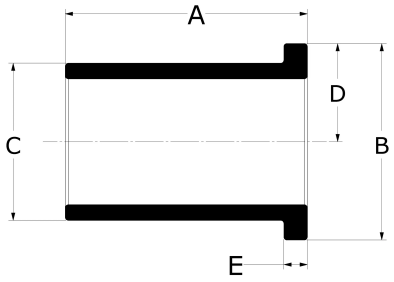
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material PP-RCT
End type 2 Flange

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]	E [inch]	End Type 1	Operating Temperature 1 [°F]	Operating Temperature 2 [°F]	Operating Temperature 3 [°F]	Weight per UOM [lbs/UOM]
Uponor PP-RCT Flange Adapter, 10", SDR 11	PR11298100	6.496	12.598	9.843	6.299	1.575	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)	7.16
Uponor PP-RCT Flange Adapter, 10", SDR 17.6	PR17298100	6.496	12.598	9.843	6.299	1.378	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)	5.46
Uponor PP-RCT Flange Adapter, 10", SDR 9	PR9298100	6.496	12.598	9.843	6.299	2.126	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)	8.12
Uponor PP-RCT Flange Adapter, 12", SDR 11	PR11298120	6.496	14.567	12.402	7.283	1.969	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)	9.87
Uponor PP-RCT Flange Adapter, 12", SDR 17.6	PR17298120	6.496	14.567	12.402	7.283	1.378	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)	7.17
Uponor PP-RCT Flange Adapter, 12", SDR 9	PR9298120	6.496	14.567	12.402	7.283	2.559	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)	11.41
Uponor PP-RCT Flange Adapter, 4", SDR 11, Butt or Socket Fused with Coupling	PR1129840	7.697	6.205	4.961	3.102	0.732	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)	2.03
Uponor PP-RCT Flange Adapter, 4", SDR 17.6, Butt or Socket Fused with Coupling	PR1729840	7.697	6.205	4.961	3.102	0.732	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)	1.43
Uponor PP-RCT Flange Adapter, 4", SDR 9, Butt or Socket Fused with Coupling	PR929840	3.937	6.496	4.921	3.248	0.732	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)	1.31
Uponor PP-RCT Flange Adapter, 6", SDR 11	PR1129860	7.697	8.504	6.339	4.252	0.984	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)	3.64
Uponor PP-RCT Flange Adapter, 6", SDR 17.6	PR1729860	7.697	8.504	6.339	4.252	0.984	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)	2.85
Uponor PP-RCT Flange Adapter, 6", SDR 9	PR929860	7.697	8.504	6.339	4.252	0.984	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)	3.94
Uponor PP-RCT Flange Adapter, 8", SDR 11	PR1129880	6.496	10.433	7.874	5.217	1.496	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)	4.85
Uponor PP-RCT Flange Adapter, 8", SDR 17.6	PR1729880	5.315	10.433	7.898	5.217	1.378	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)	3.27

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✔	Uponor PP-RCT Flange Adapter, 8", SDR 9	PR929880	6.496	10.433	7.874	5.217	1.496	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)	5.38

Part name	Part no.	Codes	Standards	Listings
Uponor PP-RCT flange adapters (butt fusion)	All	UMC|CMC|IMC	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:				
Uponor PP-RCT Flange Adapter, 10", SDR 11	PR11298100	UPC|IRC|IPC|NPC of Canada|CPC	NSF/ANSI/CAN 61|NSF/ANSI 51	
Uponor PP-RCT Flange Adapter, 10", SDR 17.6	PR17298100		ASTM F1960	
Uponor PP-RCT Flange Adapter, 10", SDR 9	PR9298100	UPC|IRC|IPC|NPC of Canada|CPC	NSF/ANSI/CAN 61|NSF/ANSI 51	
Uponor PP-RCT Flange Adapter, 12", SDR 11	PR11298120	UPC|IRC|IPC|NPC of Canada|CPC	NSF/ANSI/CAN 61|NSF/ANSI 51	
Uponor PP-RCT Flange Adapter, 12", SDR 17.6	PR17298120		ASTM F1960	
Uponor PP-RCT Flange Adapter, 12", SDR 9	PR9298120	UPC|IRC|IPC|NPC of Canada|CPC	NSF/ANSI/CAN 61|NSF/ANSI 51	
Uponor PP-RCT Flange Adapter, 4", SDR 11, Butt or Socket Fused with Coupling	PR1129840	UPC|IRC|IPC|NPC of Canada|CPC	ASTM F1960|NSF/ANSI/CAN 61|NSF/ANSI 51	
Uponor PP-RCT Flange Adapter, 4", SDR 17.6, Butt or Socket Fused with Coupling	PR1729840		ASTM F1960	
Uponor PP-RCT Flange Adapter, 4", SDR 9, Butt or Socket Fused with Coupling	PR929840	UPC|IRC|IPC|NPC of Canada|CPC	NSF/ANSI/CAN 61|NSF/ANSI 51	
Uponor PP-RCT Flange Adapter, 6", SDR 11	PR1129860	UPC|IRC|IPC|NPC of Canada|CPC	ASTM F1960|NSF/ANSI/CAN 61|NSF/ANSI 51	
Uponor PP-RCT Flange Adapter, 6", SDR 17.6	PR1729860		ASTM F1960	
Uponor PP-RCT Flange Adapter, 6", SDR 9	PR929860	UPC|IRC|IPC|NPC of Canada|CPC	ASTM F1960|NSF/ANSI/CAN 61|NSF/ANSI 51	
Uponor PP-RCT Flange Adapter, 8", SDR 11	PR1129880	UPC|IRC|IPC|NPC of Canada|CPC	ASTM F1960|NSF/ANSI/CAN 61|NSF/ANSI 51	
Uponor PP-RCT Flange Adapter, 8", SDR 17.6	PR1729880		ASTM F1960	
Uponor PP-RCT Flange Adapter, 8", SDR 9	PR929880	UPC|IRC|IPC|NPC of Canada|CPC	ASTM F1960|NSF/ANSI/CAN 61|NSF/ANSI 51	

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

Footnotes

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