Uponor PP-RCT reducers (butt fusion)

Project information

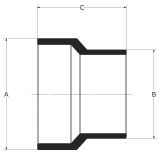
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material PP-RCT

Product information and application use

Use Uponor PP-RCT butt-fusion reducers 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]	Equivalent length through [ft]	End Type 1	End Type 2	Operating Temperature 1 [°F]	Operating Temperature 2 [°F]	Operating Temperature 3 [°F]	Weight per UOM [lbs/UOM]
	Uponor PP-RCT Reducer, 8" x 4", SDR 9	PR94778040	7.898	4.937	6.239	17.5	Butt 8"	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)	2.5
	Uponor PP-RCT Reducer, 8" x 4", SDR 11	PR114778040	7.898	4.937	6.239	18.8	Butt 8"	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)	2.21
	Uponor PP-RCT Reducer, 8" x 4", SDR 17.6	PR174778040	7.898	4.937	6.239	20.3	Butt 8"	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)	1.52
	Uponor PP-RCT Reducer, 10" x 6", SDR 11	PR114771060	9.843	6.299	8.071	23.5	Butt 10"	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)	4.03
	Uponor PP-RCT Reducer, 10" x 6", SDR 17.6	PR174771060	9.874	6.323	8.339	25.4	Butt 10"	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)	2.67
	Uponor PP-RCT Reducer, 10" x 6", SDR 9	PR94771060	9.843	6.299	8.071	21.8	Butt 10"	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)	4.48
✔	Uponor PP-RCT Reducer, 10" x 8", SDR 11	PR114771080	9.843	7.874	7.874	16.8	Butt 10"	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)	3.64
	Uponor PP-RCT Reducer, 10" x 8", SDR 17.6	PR174771080	9.874	7.898	7.884	18.2	Butt 10"	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)	2.39
	Uponor PP-RCT Reducer, 10" x 8", SDR 9	PR94771080	9.843	7.874	7.874	15.9	Butt 10"	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)	4.15
	Uponor PP-RCT Reducer, 12" x 10", SDR 11	PR114771210	12.402	9.843	8.071	21.1	Butt 12"	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)	6.59
	Uponor PP-RCT Reducer, 12" x 10", SDR 17.6	PR174771210	12.433	9.874	8.053	22.9	Butt 12"	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)	4.34
	Uponor PP-RCT Reducer, 12" x 10", SDR 9	PR94771210	12.402	9.843	8.071	20.1	Butt 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)	7.49
	Uponor PP-RCT Reducer, 12" x 8", SDR 11	PR114771280	12.402	7.874	8.465	29.6	Butt 12"	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)	7.46
	Uponor PP-RCT Reducer, 12" x 8", SDR	PR174771280	12.433	7.898	8.623	32.1	Butt 12"	Butt 8"	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60	180 °F (82 °C) at 50 psi (82	4.95

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17.6									°C)	°C)	
Uponor PP-RCT Reducer, 12" x 8", SDR 9	PR94771280	12.402	7.874	8.465	27.3	Butt 12"	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)	8.24
Uponor PP-RCT Reducer, 8" x 6", SDR 11	PR114778060	7.898	6.323	7.926	13.4	Butt 8"	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)	2.11
Uponor PP-RCT Reducer, 8" x 6", SDR 17.6	PR174778060	7.898	6.323	7.926	14.5	Butt 8"	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)	1.39
Uponor PP-RCT Reducer, 8" x 6", SDR 9	PR94778060	7.898	6.323	7.926	12.7	Butt 8"	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)	2.44

Part name	Part no.	Codes	Standards	Listings
Uponor PP-RCT reducers (butt fusion)	All	CMC|IMC|UMC	ASTM E84|NSF-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 Reducer, 10" x 6", SDR 11	PR114771060		NSF-61	
Uponor PP-RCT Reducer, 10" x 6", SDR 9	PR94771060		NSF-61	
Uponor PP-RCT Reducer, 10" x 8", SDR 11	PR114771080		NSF-61	
Uponor PP-RCT Reducer, 10" x 8", SDR 9	PR94771080		NSF-61	
Uponor PP-RCT Reducer, 12" x 10", SDR 11	PR114771210		NSF-61	
Uponor PP-RCT Reducer, 12" x 10", SDR 9	PR94771210		NSF-61	
Uponor PP-RCT Reducer, 12" x 8", SDR 11	PR114771280		NSF-61	
Uponor PP-RCT Reducer, 12" x 8", SDR 9	PR94771280		NSF-61	

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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