Uponor PP-RCT flange adapters (socket fusion)

Project information

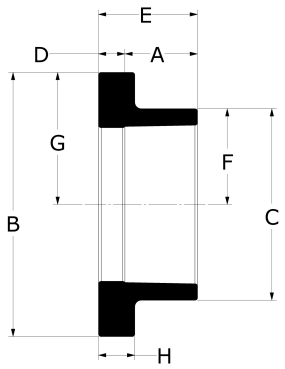
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material	PP-RCT
End type 2	Flange
	180 °F (82 °C) at 100 psi (6.9 bar)

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.



	Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	H [inch]	End Type 1	Operating Temperature 1 [°F]
	Uponor PP-RCT Flange Adapter, 1	PR2981000	0.709	2.421	1.508	0.217	0.925	0.754	1.211	0.394	Socket 1"	73 °F (23 °C) at 265 psi (23 °C)
	Uponor PP-RCT Flange Adapter, 1 1/4	PR2981250	0.807	2.815	1.89	0.264	1.071	0.945	1.407	0.433	Socket 1-1/4"	73 °F (23 °C) at 265 psi (23 °C)
	Uponor PP-RCT Flange Adapter, 1 1/2	PR2981500	0.925	3.15	2.374	0.335	1.26	1.187	1.575	0.472	Socket 1-1/2"	73 °F (23 °C) at 340 psi (23 °C)
	Uponor PP-RCT Flange Adapter, 2	PR2982000	1.079	3.937	2.949	0.417	1.496	1.474	1.969	0.551	Socket 2"	73 °F (23 °C) at 340 psi (23 °C)
	Uponor PP-RCT Flange Adapter, 2 1/2	PR2982525	1.181	4.587	3.587	0.492	1.673	1.793	2.293	0.63	Socket 2-1/2"	73 °F (23 °C) at 340 psi (23 °C)
✔	Uponor PP-RCT Flange Adapter, 3	PR2983030	1.299	5.098	4.311	0.591	1.89	2.156	2.549	0.669	Socket 3"	73 °F (23 °C) at 340 psi (23 °C)

	Part name	Part no.	Operating Temperature 2 [°F]	Weight per UOM [lbs/UOM]
	Uponor PP-RCT Flange Adapter, 1	PR2981000	140 °F (60 °C) at 150 psi (60 °C)	0.36
	Uponor PP-RCT Flange Adapter, 1 1/4	PR2981250	140 °F (60 °C) at 150 psi (60 °C)	0.47
	Uponor PP-RCT Flange Adapter, 1 1/2	PR2981500	140 °F (60 °C) at 190 psi (60 °C)	0.16
	Uponor PP-RCT Flange Adapter, 2	PR2982000	140 °F (60 °C) at 190 psi (60 °C)	0.22
	Uponor PP-RCT Flange Adapter, 2 1/2	PR2982525	140 °F (60 °C) at 190 psi (60 °C)	0.37
✔	Uponor PP-RCT Flange Adapter, 3	PR2983030	140 °F (60 °C) at 190 psi (60 °C)	0.51

Part name	Part no.	Codes	Standards	Listings
Uponor PP-RCT flange adapters (socket fusion)	All	UPC|IRC|IPC|NPC of Canada|UMC|CMC|CPC|IMC	NSF/ANSI/CAN 61|ASTM E84|NSF/ANSI 14|NSF/ANSI 51|ASTM F2389|CSA B137.11	ICC-ES-PMG 1106|IAPMO-R&T 8358|QAI P321-5|IAPMO K-12775

Installation

Use approved socket-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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Contact information

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 800.638.9517

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