

# Uponor PP-RCT flange adapters (socket fusion)

## Project information

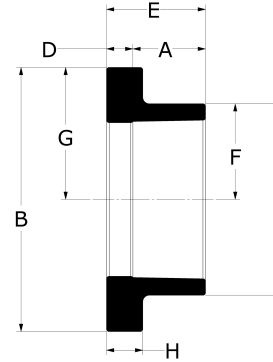
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

## 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 Socket-Fusion Flange Adapters with Uponor PP-RCT Mechanical Pipe to convey fluid for hydronic heating and cooling or industrial applications and with Uponor PP-RCT Potable Pipe to convey water for potable plumbing 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	3.169	2.374	0.335	1.26	1.187	1.585	0.472	Socket 1-1/2"	73 °F (23 °C) at 340 psi (23 °C)
Uponor PP-RCT Flange Adapter, 2	PR2982000	1.079	3.878	2.996	0.417	1.496	1.498	1.939	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
- Domestic water systems

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

---