Uponor lead-free (LF) brass male threaded adapters (socket fusion)

Project information

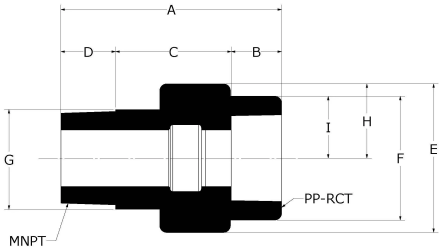
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material	PP-RCT
Prop 65 label required?	Yes

Product information and application use

Use Uponor lead-free (LF) brass male threaded adapters with Uponor PP-RCT mechanical or cold potable pipe to convey water for hydronic heating and cooling or potable plumbing applications.



	Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	H [inch]	I [inch]	Equivalent length through [ft]
	Uponor LF Brass Male Threaded Adapter, 1" PP-RCT x 1" NPT	PR4521010	2.437	0.713	0.937	0.69	2.081	1.728	1.332	1.041	0.864	2.4
	Uponor LF Brass Male Threaded Adapter, 1" PP-RCT x 3/4" NPT	PR4521075	2.236	0.776	0.831	0.546	1.906	1.693	1.063	0.953	0.846	1.9
	Uponor LF Brass Male Threaded Adapter, 1 1/4" PP-RCT x 1 1/4" NPT	PR4521313	2.835	0.807	1.22	0.71	2.756	2.146	1.676	1.378	1.073	3.1
✔	Uponor LF Brass Male Threaded Adapter, 1 1/2" PP-RCT x 1 1/2" NPT	PR4521515	3.13	0.925	1.378	0.72	3.228	2.665	1.917	1.614	1.333	3.8
	Uponor LF Brass Male Threaded Adapter, 2" PP-RCT x 2" NPT	PR4522020	3.455	1.079	1.51	0.76	3.839	3.287	2.392	1.919	1.644	4.8
	Uponor LF Brass Male Threaded Adapter, 1/2" PP-RCT x 1/2" NPT	PR4525050	1.969	0.571	0.787	0.54	1.398	1.079	0.829	0.699	0.539	1.5
	Uponor LF Brass Male Threaded Adapter, 3/4" PP-RCT x 1/2" NPT	PR4527550	2.059	0.63	0.819	0.54	1.37	1.346	0.829	0.685	0.673	1.5
	Uponor LF Brass Male Threaded Adapter, 3/4" PP-RCT x 3/4" NPT	PR4527575	2.067	0.63	0.807	0.55	1.606	1.348	1.063	0.803	0.674	1.9

	Part name	Part no.	End Type 1	End Type 2	Operating Temperature 1 [°F]	Operating Temperature 2 [°F]	Operating Temperature 3 [°F]	Weight per UOM [lbs/UOM]
	Uponor LF Brass Male Threaded Adapter, 1" PP-RCT x 1" NPT	PR4521010	Socket 1"	MNPT 1"	73 °F (23 °C) at 270 psi (23 °C)	120 °F (49 °C) at 176 psi (49 °C)	180 °F (82 °C) at 120 psi (82 °C)	0.37
	Uponor LF Brass Male Threaded Adapter, 1" PP-RCT x 3/4" NPT	PR4521075	Socket 1"	MNPT 3/4"	73 °F (23 °C) at 340 psi (23 °C)	140 °F (49 °C) at 190 psi (49 °C)	180 °F (82 °C) at 100 psi (82 °C)	0.24
	Uponor LF Brass Male Threaded Adapter, 1 1/4" PP-RCT x 1 1/4" NPT	PR4521313	Socket 1-1/4"	MNPT 1-1/4"	73 °F (23 °C) at 270 psi (23 °C)	120 °F (49 °C) at 176 psi (49 °C)	180 °F (82 °C) at 120 psi (82 °C)	0.64
✔	Uponor LF Brass Male Threaded Adapter, 1 1/2" PP-RCT x 1 1/2" NPT	PR4521515	Socket 1-1/2"	MNPT 1-1/2"	73 °F (23 °C) at 270 psi (23 °C)	120 °F (49 °C) at 176 psi (49 °C)	180 °F (82 °C) at 120 psi (82 °C)	0.87
	Uponor LF Brass Male Threaded Adapter, 2" PP-RCT x 2" NPT	PR4522020	Socket 2"	MNPT 2"	73 °F (23 °C) at 270 psi (23 °C)	120 °F (49 °C) at 176 psi (49 °C)	180 °F (82 °C) at 120 psi (82 °C)	1.25
	Uponor LF Brass Male Threaded Adapter, 1/2" PP-RCT x 1/2" NPT	PR4525050	Socket 1/2"	MNPT 1/2"	73 °F (23 °C) at 270 psi (23 °C)	120 °F (49 °C) at 176 psi (49 °C)	180 °F (82 °C) at 120 psi (82 °C)	0.15
	Uponor LF Brass Male Threaded Adapter, 3/4" PP-RCT x 1/2" NPT	PR4527550	Socket 3/4"	MNPT 1/2"	73 °F (23 °C) at 340 psi (23 °C)	140 °F (49 °C) at 190 psi (49	180 °F (82 °C) at 100 psi (82	0.15

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						°C)	°C)	
	Uponor LF Brass Male Threaded Adapter, 3/4" PP-RCT x 3/4" NPT	PR4527575	Socket 3/4"	MNPT 3/4"	73 °F (23 °C) at 270 psi (23 °C)	120 °F (49 °C) at 176 psi (49 °C)	180 °F (82 °C) at 120 psi (82 °C)	0.22

Part name	Part no.	Codes	Standards	Listings
Uponor lead-free (LF) brass male threaded adapters (socket fusion)	All	CMC|IPC|UMC	NSF-61|ASTM E84|NSF-14|ASTM F2389|CSA B137.11	ICC-ES-PMG 1106|IAPMO-R&T 8358|QAI P321-5|IAPMO K-12775

Installation	Related applications
Use approved socket-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details.	-

Footnotes	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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