

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



## Project Information

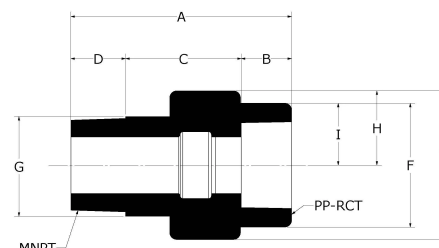
Job name :	Location :
Engineer :	Date submitted:
Contractor :	Submitted by:
Manufacturer's representative :	Approved by :

## 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]	Weight per UOM [lbs/UOM]
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	0.37
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	0.24
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	0.64
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	0.87
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	1.25
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	0.15
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	0.15
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	0.22

Part name	Part no.	Equivalent length through [ft]	End Type 1	End Type 2	Operating Temperature 1 [°F]	Operating Temperature 2 [°F]	Operating Temperature 3 [°F]
Uponor LF Brass Male Threaded Adapter, 1" PP-RCT x 1" NPT	PR4521010	2.4	Socket 1"	MNPT 1"	73 °F (23 °C) at 270 psi (23 °C)	-	180 °F (82 °C) at 120 psi (82 °C)
Uponor LF Brass Male Threaded Adapter, 1" PP-RCT x 3/4" NPT	PR4521075	1.9	Socket 1"	MNPT 3/4"	73 °F (23 °C) at 340 psi (23 °C)	-	180 °F (82 °C) at 100 psi (82 °C)
Uponor LF Brass Male Threaded Adapter, 1 1/4" PP-RCT x 1 1/4" NPT	PR4521313	3.1	Socket 1-1/4"	MNPT 1-1/4"	73 °F (23 °C) at 270 psi (23 °C)	-	180 °F (82 °C) at 120 psi (82 °C)
Uponor LF Brass Male Threaded Adapter, 1 1/2" PP-RCT x 1 1/2" NPT	PR4521515	3.8	Socket 1-1/2"	MNPT 1-1/2"	73 °F (23 °C) at 270 psi (23 °C)	-	180 °F (82 °C) at 120 psi (82 °C)
Uponor LF Brass Male Threaded Adapter, 2" PP-RCT x 2" NPT	PR4522020	4.8	Socket 2"	MNPT 2"	73 °F (23 °C) at 270 psi (23 °C)	-	180 °F (82 °C) at 120 psi (82 °C)
Uponor LF Brass Male Threaded Adapter, 1/2" PP-RCT x 1/2" NPT	PR4525050	1.5	Socket 1/2"	MNPT 1/2"	73 °F (23 °C) at 270 psi (23 °C)	-	180 °F (82 °C) at 120 psi (82 °C)
Uponor LF Brass Male Threaded Adapter, 3/4" PP-RCT x 1/2" NPT	PR4527550	1.5	Socket 3/4"	MNPT 1/2"	73 °F (23 °C) at 340 psi (23 °C)	-	180 °F (82 °C) at 100 psi (82 °C)

Uponor LF Brass Male Threaded Adapter, 3/4" PP-RCT x  
3/4" NPT

PR4527575

1.9

Socket  
3/4"

MNPT 3/4"

73 °F (23  
°C) at 270  
psi (23 °C)

-

180 °F (82  
°C) at 120  
psi (82 °C)

### Installation

### Related applications

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

### Codes

### Standards

### Listings

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

### Trademark information

### Contact information

ProPEX® is a registered trademark of Uponor Inc. ProPEX™ is a trademark of Uponor Ltd.

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