

ProPEX brass sweat adapters

Project Information

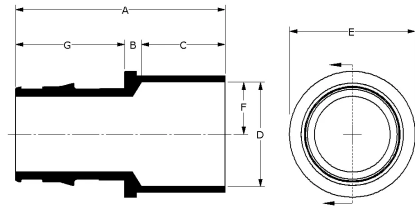
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Temp/pressure ratings	73 °F (23 °C) at 160 psi (11 bar)
	180 °F (82 °C) at 100 psi (6.9 bar)
	200 °F (93 °C) at 80 psi (5.5 bar)
Prop 65 label required?	Yes

Product information and application use

ProPEX® brass sweat adapters transition Uponor PEX pipe to copper pipe for use in hydronic heating and cooling systems. One end of the adapter is manufactured with the Uponor ProPEX fitting for connection to Wirsbo hePEX™ pipe and the other end is manufactured to adapt copper sweat connections. These adapters are not safe for direct burial in soil. Note: Not for potable use.



Note: Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PEX Piping Systems Design and Installation Manual.

Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	Equivalent length through [ft]	Weight per UOM [lbs/UOM]
ProPEX LF Brass Sweat Adapter, 3/8" PEX x 1/2" Copper	LF4513850	1.32	0.229	0.5	0.629	0.719	0.315	0.591	2	0.05
ProPEX Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	Q5515050	1.368	0.159	0.5	0.631	0.77	0.315	0.709	2	0.06
ProPEX LF Brass Sweat Adapter, 1/2" PEX x 3/4" Copper	LF4515075	1.634	0.175	0.75	0.879	0.987	0.439	0.709	2.7	0.09
ProPEX Brass Sweat Adapter, 5/8" PEX x 1/2" Copper	Q4516350	1.491	0.125	0.5	0.629	0.94	0.315	0.866	-	0.11
ProPEX Brass Sweat Adapter, 5/8" PEX x 3/4" Copper	Q4516375	1.866	0.25	0.75	0.879	1.04	0.439	0.866	-	0.16
ProPEX Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	Q5517550	1.675	0.23	0.5	0.631	1.1	0.315	0.945	1.4	0.1
ProPEX Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	Q5517575	1.845	0.15	0.75	0.881	1.1	0.441	0.945	2.1	0.15
ProPEX Brass Sweat Adapter, 3/4" PEX x 1" Copper	Q5517510	2.07	0.215	0.91	1.132	1.26	0.566	0.945	3.7	0.3
ProPEX Brass Sweat Adapter, 1" PEX x 1" Copper	Q5511010	2.256	0.165	0.91	1.132	1.36	0.566	1.181	2.4	0.31
ProPEX Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	Q5511313	2.6	0.185	0.97	1.382	1.72	0.691	1.445	3.9	0.4
ProPEX Brass Sweat Adapter, 2" PEX x 2" Copper	Q5512020	3.797	0.31	1.34	2.133	2.68	1.067	2.147	5.3	2
ProPEX LF Brass Sweat Adapter, 3" PEX x 3" Copper	LF4513030	5.33	0.29	1.66	3.13	3.79	1.565	3.38	8.79	2.85
ProPEX Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	Q5511515	3.049	0.255	1.09	1.633	1.9	0.817	1.704	4.3	0.65

Part name	Part no.	Codes	Standards	Listings
ProPEX brass sweat adapters	All	IMC IBC IRC NPC of Canada UMC	ASTM F1960 CSA B137.5 NSF-14 ASTM F877	IAPMO-ES ICC-ES-PMG cNSFus-rfh
In addition, the following parts have additional codes, standards, or listings:				
ProPEX LF Brass Sweat Adapter, 3/8" PEX x 1/2" Copper	LF4513850	UPC IPC NSPC	NSF-372 NSF-61	cNSFus-pw-G U.P.Code
ProPEX LF Brass Sweat Adapter, 1/2" PEX x 3/4" Copper	LF4515075	UPC IPC NSPC	NSF-372 NSF-61	cNSFus-pw-G U.P.Code
ProPEX LF Brass Sweat Adapter, 3" PEX x 3" Copper	LF4513030	UPC IPC NSPC	NSF-372 NSF-61	cNSFus-pw-G U.P.Code

Installation

Use the appropriate Uponor ProPEX ring for the pipe (sold separately). Do not solder within 18" of the ProPEX fitting. Refer to the Radiant Floor Heating Installation Handbook, Complete Design Assistance Manual (CDAM), or the Hydronic Piping Design Assistance Manual (HPDAM) for additional information.

Related applications

- Radiant Heating and Cooling Systems
- Permafrost Protection Systems
- Turf Conditioning Systems
- Hydronic Piping Systems

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