

ProPEX lead-free (LF) brass to copper ball valves

Project information

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

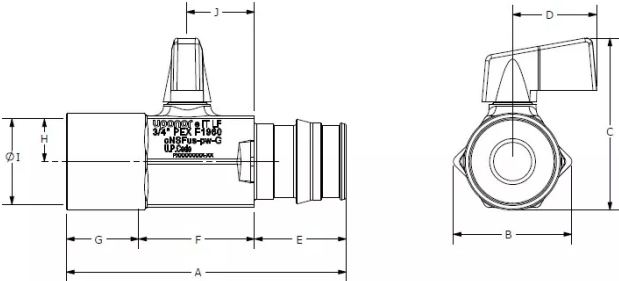
Technical data

Material	LF Brass
Cold working pressure	200.2 psi
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) 210 °F (99 °C) at 149 psi (10.3 bar)
Prop 65 label required?	Yes

Product information and application use

Uponor ProPEX® lead-free (LF) brass ball valves transition brass to copper and feature inline isolation valves.¹ These valves are not compatible with applications using glycol.

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 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	J [mm]
ProPEX LF Brass Ball Valve, 1/2" PEX x 1/2" Copper Adapter	LF4805050	53.30	24.25	38.20	22	18	22.50	12.80	7.99	15.97	13.70
ProPEX LF Brass Ball Valve, 3/4" PEX x 3/4" Copper Adapter	LF4807575	73.20	31	44.93	22	24	30	19.20	11.16	22.32	17.60

Part name	Part no.	K [mm]	Cv	End Type 1	End Type 2	Weight per UOM [kg/UOM]
ProPEX LF Brass Ball Valve, 1/2" PEX x 1/2" Copper Adapter	LF4805050	-	3.9	ProPEX 1/2"	Sweat 1/2"	0.091
ProPEX LF Brass Ball Valve, 3/4" PEX x 3/4" Copper Adapter	LF4807575	-	6.6	ProPEX 3/4"	Sweat 3/4"	0.1769

Part name	Part no.	Codes	Standards	Listings
ProPEX lead-free (LF) brass to copper ball valves	All	UPC IRC IPC NPC of Canada	NSF/ANSI/CAN 372 ASTM F877 NSF/ANSI 359 ASTM F1960 CSA B137.5 NSF/ANSI/CAN 61 NSF/ANSI 14	cNSFus-pw-G U.P.Code
In addition, the following parts have additional codes, standards, or listings:				
ProPEX LF Brass Ball Valve, 3/4" PEX x 3/4" Copper Adapter	LF4807575			

Installation

Install valve according to local building code. Do not dismantle. If soldering, aim flame away from the fitting. For more information, refer to the Uponor AquaPEX® Professional Plumbing Installation Guide or the Radiant Floor Heating Installation Handbook.

Related applications

- PEX-a Plumbing Systems
- Radiant Heating and Cooling Systems
- Permafrost Protection Systems
- Turf Conditioning Systems

Footnotes

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Contact information

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