ProPEX lead-free (LF) brass residential ball valves

Project information

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

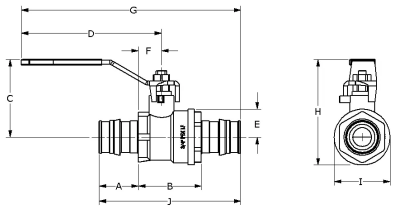
Technical data

Material	LF Brass
Temp/pressure ratings	200 °F (93 °C) at 200 psi (13.8 bar)
Prop 65 label required?	Yes

Product information and application use

To help meet the stringent demands of residential plumbing and hydronic distribution projects, Uponor is offering new ProPEX® ASTM F1960 lead-free (LF) brass ball valves in sizes from ½" to 1". The full-port ball valves feature a chrome-plated ball.

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]	H [inch]	I [inch]	J [inch]
	ProPEX LF Brass Stop and Drain Ball Valve (full port), 1" PEX x 1" PEX	LFD4811010	1.181	1.65	2.043	4.503	0.689	0.846	6.487	2.731	2.134	4.012
	ProPEX LF Brass Stop and Drain Ball Valve (full port), 1/2" PEX x 1/2" PEX	LFD4815050	0.709	1.24	1.44	3.361	0.394	0.63	4.68	1.834	1.459	2.657
	ProPEX LF Brass Stop and Drain Ball Valve (full port), 3/4" PEX x 3/4" PEX	LFD4817575	0.945	1.398	1.621	2.784	0.531	0.65	4.976	2.153	1.839	3.287
	ProPEX LF Brass Ball Valve (full port), 1" PEX x 1" PEX	LFR4811010	1.181	1.374	2.043	4.503	0.689	0.571	6.487	2.731	1.772	3.736
✔	ProPEX LF Brass Ball Valve (full port), 1/2" PEX x 1/2" PEX	LFR4815050	0.709	1.004	1.44	3.361	0.394	0.394	4.68	1.834	1.012	2.421
	ProPEX LF Brass Ball Valve (full port), 3/4" PEX x 3/4" PEX	LFR4817575	0.945	1.13	1.621	3.348	0.531	0.447	4.976	2.153	1.339	3.02

	Part name	Part no.	Cv	End Type 1	End Type 2	Weight per UOM [lbs/UOM]
	ProPEX LF Brass Stop and Drain Ball Valve (full port), 1" PEX x 1" PEX	LFD4811010	25.2	ProPEX 1"	ProPEX 1"	0.78
	ProPEX LF Brass Stop and Drain Ball Valve (full port), 1/2" PEX x 1/2" PEX	LFD4815050	5.7	ProPEX 1/2"	ProPEX 1/2"	0.3
	ProPEX LF Brass Stop and Drain Ball Valve (full port), 3/4" PEX x 3/4" PEX	LFD4817575	11.1	ProPEX 3/4"	ProPEX 3/4"	0.45
	ProPEX LF Brass Ball Valve (full port), 1" PEX x 1" PEX	LFR4811010	21.8	ProPEX 1"	ProPEX 1"	0.67
✔	ProPEX LF Brass Ball Valve (full port), 1/2" PEX x 1/2" PEX	LFR4815050	4.6	ProPEX 1/2"	ProPEX 1/2"	0.26
	ProPEX LF Brass Ball Valve (full port), 3/4" PEX x 3/4" PEX	LFR4817575	10.1	ProPEX 3/4"	ProPEX 3/4"	0.39

Part name	Part no.	Codes	Standards	Listings
ProPEX lead-free (LF) brass residential ball valves	All	UPC|IBC|IRC|IPC|NPC of Canada|UMC|IMC	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 Stop and Drain Ball Valve (full port), 1/2" PEX x 1/2" PEX	LFD4815050			
ProPEX LF Brass Stop and Drain Ball Valve (full port), 3/4" PEX x 3/4" PEX	LFD4817575			
ProPEX LF Brass Ball Valve (full port), 1" PEX x 1" PEX	LFR4811010			
ProPEX LF Brass Ball Valve (full port), 1/2" PEX x 1/2" PEX	LFR4815050			

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Installation	Related applications
Install valve and stem extension kit according to local building code. Do not dismantle. Refer to the Uponor Piping Pocket Guide or the Uponor Plumbing Design Assistance Manual (PDAM) for additional information.	Hot water distribution Hydronic heating and cooling systems Hydronic Piping Systems Hydronic Radiant Heating and Cooling Systems PEX-a Plumbing Systems Plumbing Systems Pre-Insulated Pipe Systems Radiant Heating and Cooling Systems

Footnotes	Contact information	
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