

ProPEX lead-free (LF) brass residential ball valves

Project information

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

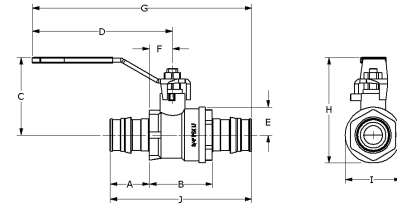
Technical data

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	1.862	1.978	4.227	0.746	0.909	6.361	2.724	2.022	4.224
ProPEX LF Brass Stop and Drain Ball Valve (full port), 1/2" PEX x 1/2" PEX	LFD4815050	0.709	1.449	2.867	3.681	1.624	0.725	5.114	2.071	1.437	2.867
ProPEX LF Brass Stop and Drain Ball Valve (full port), 3/4" PEX x 3/4" PEX	LFD4817575	0.945	1.657	1.841	4.241	0.602	0.803	6.04	2.443	1.726	3.548
ProPEX LF Brass Ball Valve (full port), 1" PEX x 1" PEX	LFR4811010	1.181	1.618	2.208	4.503	0.746	0.685	6.617	2.954	1.492	3.98
ProPEX LF Brass Ball Valve (full port), 1/2" PEX x 1/2" PEX	LFR4815050	0.709	1.228	1.647	3.361	0.447	0.465	4.834	2.094	0.939	2.646
ProPEX LF Brass Ball Valve (full port), 3/4" PEX x 3/4" PEX	LFR4817575	0.945	1.357	1.796	3.361	0.634	0.522	5.142	2.43	1.268	3.247

Part name	Part no.	Weight per UOM [lbs/UOM]
ProPEX LF Brass Stop and Drain Ball Valve (full port), 1" PEX x 1" PEX	LFD4811010	0.9
ProPEX LF Brass Stop and Drain Ball Valve (full port), 1/2" PEX x 1/2" PEX	LFD4815050	0.35
ProPEX LF Brass Stop and Drain Ball Valve (full port), 3/4" PEX x 3/4" PEX	LFD4817575	0.6
ProPEX LF Brass Ball Valve (full port), 1" PEX x 1" PEX	LFR4811010	0.88
ProPEX LF Brass Ball Valve (full port), 1/2" PEX x 1/2" PEX	LFR4815050	0.34
ProPEX LF Brass Ball Valve (full port), 3/4" PEX x 3/4" PEX	LFR4817575	0.5

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-372 ASTM F877 NSF-359 ASTM F1960 CSA B137.5 NSF-61 NSF-14	cNSFus-pw-G U.P.Code

Installation

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.

Related applications

- 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

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
