ProPEX lead-free (LF) brass commercial ball valves

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

Technical data

Cold working pressure 250 psi

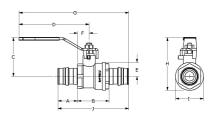
Temp/pressure ratings 200 °F (93 °C) at 200 psi (13.8 bar)

Prop 65 label required? Yes

Product information and application use

To help meet the stringent demands of commercial plumbing and hydronic distribution projects, Uponor is offering new ProPEX® ASTM F1960 lead-free (LF) brass ball valves in sizes from $\frac{1}{2}$ " to 2". The full-port ball valves feature a stainless-steel ball and stem for greater durability, longevity, and system performance.

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]	l [inch]	J [inch]
ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 1/2" PEX x 1/2" PEX	LFC4825050SS	0.709	1.228	1.679	3.37	0.447	0.465	4.843	2.126	0.959	2.646
ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 3/4* PEX x 3/4* PEX	LFC4827575SS	0.945	1.358	1.789	3.37	0.634	0.522	5.151	2.423	1.268	3.248
ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 1" PEX x 1" PEX	LFC4821010SS	1.181	1.618	2.181	4.52	0.748	0.685	6.504	2.181	1.496	3.98
ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 1 1/4" PEX x 1 1/4" PEX	LFC4821313SS	1.445	1.862	2.388	4.516	0.915	0.821	7.002	3.303	1.831	4.752
ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 1 1/2" PEX x 1 1/2" PEX	LFC4821515SS	1.705	2.059	3.114	5.584	1.024	0.98	8.368	4.138	2.087	5.469
ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 2" PEX x 2" PEX	LFC4822020SS	2.146	2.413	3.339	5.584	1.358	1.122	9.021	4.697	2.638	6.705

Part no.	Cv	End Type 1	End Type 2	Weight per UOM [lbs/UOM]
LFC4825050SS	6.8	ProPEX 1/2"	ProPEX 1/2"	0.33
LFC4827575SS	17	ProPEX 3/4"	ProPEX 3/4"	0.45
LFC4821010SS	29	ProPEX 1"	ProPEX 1"	0.87
LFC4821313SS	49.1	ProPEX 1-1/4"	ProPEX 1-1/4"	1.29
LFC4821515SS	58.9	ProPEX 1-1/2"	ProPEX 1-1/2"	1.9
LFC4822020SS	139.1	ProPEX 2"	ProPEX 2"	2.97
	LFC4825050SS LFC4827575SS LFC4821010SS LFC4821313SS LFC4821515SS	LFC4825050SS 6.8 LFC4827575SS 17 LFC4821010SS 29 LFC4821313SS 49.1 LFC4821515SS 58.9	LFC4825050SS 6.8 ProPEX 1/2" LFC4827575SS 17 ProPEX 3/4" LFC4821010SS 29 ProPEX 1" LFC4821313SS 49.1 ProPEX 1-1/4" LFC4821515SS 58.9 ProPEX 1-1/2"	LFC4825050SS 6.8 ProPEX 1/2" ProPEX 1/2" LFC4827575SS 17 ProPEX 3/4" ProPEX 3/4" LFC4821010SS 29 ProPEX 1" ProPEX 1" LFC4821313SS 49.1 ProPEX 1-1/4" ProPEX 1-1/4" LFC4821515SS 58.9 ProPEX 1-1/2" ProPEX 1-1/2"

Part name	Part no.	Codes	Standards	Listings
ProPEX lead-free (LF) brass commercial ball valves	All	UPC IBC IRC IPC NPC of Canada UMC IMC	ASTM F877 NSF/ANSI/CAN 372 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 a	additional codes, standards, or listings:			
ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 1/2" PEX x 1/2" PEX	LFC4825050SS			
ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 3/4" PEX x 3/4" PEX	LFC4827575SS			
ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 1 1/4" PEX x 1 1/4" PEX	LFC4821313SS			

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

Footnotes	Contact in	Contact information			
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