ProPEX lead-free (LF) brass commercial ball valves

Project information

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

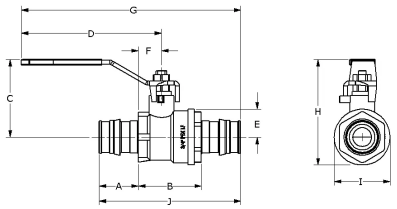
Technical data

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 ½" 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 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	J [mm]
	ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 1/2" PEX x 1/2" PEX	LFC4825050SS	18	31.20	42.65	85.60	11.35	11.80	123	54	24.35	67.20
	ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 3/4" PEX x 3/4" PEX	LFC4827575SS	24	34.50	45.45	85.60	16.10	13.26	130.84	61.55	32.20	82.50
✔	ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 1" PEX x 1" PEX	LFC4821010SS	30	41.10	55.40	114.80	19	17.40	165.20	55.40	38	101.10
	ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 1 1/4" PEX x 1 1/4" PEX	LFC4821313SS	36.70	47.30	60.65	114.70	23.25	20.85	177.85	83.90	46.50	120.70
	ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 1 1/2" PEX x 1 1/2" PEX	LFC4821515SS	43.30	52.30	79.10	141.84	26	24.90	212.54	105.10	53	138.90
	ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 2" PEX x 2" PEX	LFC4822020SS	54.50	61.30	84.80	141.84	34.50	28.50	229.14	119.30	67	170.30

	Part name	Part no.	Cv	End Type 1	End Type 2	Weight per UOM [kg/UOM]
	ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 1/2" PEX x 1/2" PEX	LFC4825050SS	6.8	ProPEX 1/2"	ProPEX 1/2"	0.15
	ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 3/4" PEX x 3/4" PEX	LFC4827575SS	17	ProPEX 3/4"	ProPEX 3/4"	0.202
✔	ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 1" PEX x 1" PEX	LFC4821010SS	29	ProPEX 1"	ProPEX 1"	0.393
	ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 1 1/4" PEX x 1 1/4" PEX	LFC4821313SS	49.1	ProPEX 1-1/4"	ProPEX 1-1/4"	0.585
	ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 1 1/2" PEX x 1 1/2" PEX	LFC4821515SS	58.9	ProPEX 1-1/2"	ProPEX 1-1/2"	0.86
	ProPEX LF Brass Commercial Ball Valve (full port) SS Ball and Stem 2" PEX x 2" PEX	LFC4822020SS	139.1	ProPEX 2"	ProPEX 2"	1.345

© 2024 Uponor North America. All Rights Reserved

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 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
Install valve and stem extension kit according to local building code. Do not dismantle. Refer to the Uponor Piping Pocket Guide or the Uponor PEX Piping Systems Design and Installation Manual 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 Floor Heating and Cooling Systems Radiant Heating and Cooling Systems

Footnotes	Contact information	
-	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

© 2024 Uponor North America. All Rights Reserved