

ProPEX lead-free (LF) brass transition ball valves

Project information

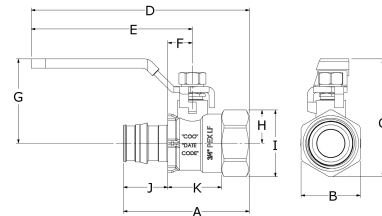
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material	LF Brass
Cold working pressure	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

These full-port ball valves with stainless-steel stems provide reliable, high-flow performance and allow contractors to speed installations in tight spaces for greater jobsite productivity while offering engineers optimal hybrid design opportunities to meet pressure, temperature, and space requirements.



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 Transition Ball Valve (full port) SS Ball and Stem 1/2" PEX x 1/2" FNPT	LFT4905050SS	2.37	0.984	2.133	4.622	3.425	0.465	1.583	0.55	1.101	0.709
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3/4" PEX x 3/4" FNPT	LFT4907575SS	2.677	1.26	2.499	4.634	3.425	0.524	1.791	0.708	1.416	0.945
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1" PEX x 1" FNPT	LFT4901010SS	3.264	1.535	3.072	5.945	4.547	0.685	2.236	0.835	1.67	1.181
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/4" PEX x 1 1/4" FNPT	LFT4901313SS	3.807	2	3.396	6.089	4.547	0.821	2.396	1	2	1.445
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/2" PEX x 1 1/2" FNPT	LFT4901515SS	4.37	2.25	4.217	7.323	5.638	0.98	3.091	1.124	2.249	1.705
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 2" PEX x 2" FNPT	LFT4902020SS	5.157	3.031	4.878	7.528	5.638	1.122	3.362	1.516	3.031	2.146
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 2 1/2" PEX x 2 1/2" FNPT	LFT4902525SS	7.141	3.679	6.53	12.264	9.508	1.594	4.518	1.862	3.722	2.79
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3" PEX x 3" FNPT	LFT4903030SS	8.281	4.375	7.199	12.559	9.508	1.89	5.012	2.187	4.375	3.34
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1/2" PEX x 1/2" MNPT	LFT4915050SS	2.524	1.001	2.03	4.776	3.425	0.465	1.583	0.447	0.709	1.012
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3/4" PEX x 3/4" MNPT	LFT4917575SS	2.992	1.28	2.411	4.949	3.425	0.524	1.791	0.62	0.945	1.122
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1" PEX x 1" MNPT	LFT4911010SS	3.579	1.535	2.984	6.26	4.547	0.685	2.236	0.748	1.181	1.339
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/4" PEX x 1 1/4" MNPT	LFT4911313SS	4.142	1.858	3.311	6.423	4.547	0.821	2.396	0.915	1.445	1.575
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/2" PEX x 1 1/2" MNPT	LFT4911515SS	4.626	2.126	4.134	7.579	5.638	0.98	3.091	1.043	1.705	1.799
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 2" PEX x 2" MNPT	LFT4912020SS	5.492	2.874	4.78	7.862	5.638	1.122	3.362	1.417	2.146	2.138
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1/2" PEX x 1/2" Copper Press	LFT4925050SS	2.469	0.974	2.064	4.72	3.425	0.465	1.583	0.38	0.709	1.012
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3/4" PEX x 3/4" Copper Press	LFT4927575SS	2.972	1.279	2.415	4.929	3.425	0.524	1.791	0.511	0.945	1.122
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1" PEX x 1" Copper Press	LFT4921010SS	3.539	1.508	2.99	6.22	4.547	0.685	2.236	0.635	1.181	1.453
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/4" PEX x 1 1/4" Copper Press	LFT4921313SS	4.26	1.856	3.171	6.541	4.547	0.821	2.396	0.775	1.445	1.791
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/2" PEX x 1 1/2" Copper Press	LFT4921515SS	5.138	2.118	4.15	8.091	5.638	0.98	3.091	0.907	1.705	2.124
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 2" PEX x 2" Copper Press	LFT4922020SS	6.28	2.823	4.78	8.65	5.638	1.122	3.362	1.159	2.146	2.559

ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 2 1/2" PEX x 2 1/2" Copper Press	LFT4922525SS	7.945	3.956	6.578	13.121	9.508	1.543	4.619	1.584	2.79	3.159
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3" PEX x 3" Copper Press	LFT4923030SS	9.207	4.606	7.287	13.485	9.508	1.89	4.984	1.844	3.34	3.669
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3/4" PEX x 3/4" Flange	LFT4947575SS	2.598	4.125	3.086	4.555	3.425	0.524	1.791	0.62	1.295	0.945
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1" PEX x 1" Flange	LFT4941010SS	3.146	4.125	3.531	5.827	4.547	0.685	2.236	0.748	1.295	1.181
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/4" PEX x 1 1/4" Flange	LFT4941313SS	3.748	4.125	3.691	6.03	4.547	0.821	2.396	0.915	1.295	1.445

Part name	Part no.	K [Inch]	Cv	End Type 1	End Type 2	Weight per UOM [lbs/UOM]
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1/2" PEX x 1/2" FNPT	LFT4905050SS	1.051	4.7	ProPEX 1/2"	FNPT 1/2"	0.36
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3/4" PEX x 3/4" FNPT	LFT4907575SS	1.122	10.9	ProPEX 3/4"	FNPT 3/4"	0.52
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1" PEX x 1" FNPT	LFT4901010SS	1.315	17	ProPEX 1"	FNPT 1"	0.86
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/4" PEX x 1 1/4" FNPT	LFT4901313SS	1.618	28.1	ProPEX 1-1/4"	FNPT 1-1/4"	1.38
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/2" PEX x 1 1/2" FNPT	LFT4901515SS	1.887	41	ProPEX 1-1/2"	FNPT 1-1/2"	2.04
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 2" PEX x 2" FNPT	LFT4902020SS	2.244	66.7	ProPEX 2"	FNPT 2"	3.43
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 2 1/2" PEX x 2 1/2" FNPT	LFT4902525SS	3.169	105.7	ProPEX 2-1/2"	FNPT 2-1/2"	8.6
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3" PEX x 3" FNPT	LFT4903030SS	3.681	176.2	ProPEX 3"	FNPT 3"	11.36
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1/2" PEX x 1/2" MNPT	LFT4915050SS	-	5	ProPEX 1/2"	MNPT 1/2"	0.33
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3/4" PEX x 3/4" MNPT	LFT4917575SS	-	14.4	ProPEX 3/4"	MNPT 3/4"	0.5
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1" PEX x 1" MNPT	LFT4911010SS	-	17	ProPEX 1"	MNPT 1"	0.87
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/4" PEX x 1 1/4" MNPT	LFT4911313SS	-	26.9	ProPEX 1-1/4"	MNPT 1-1/4"	1.34
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/2" PEX x 1 1/2" MNPT	LFT4911515SS	-	36.6	ProPEX 1-1/2"	MNPT 1-1/2"	1.94
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 2" PEX x 2" MNPT	LFT4912020SS	-	82.1	ProPEX 2"	MNPT 2"	3.04
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1/2" PEX x 1/2" Copper Press	LFT4925050SS	-	5.5	ProPEX 1/2"	Copper Press 1/2"	0.33
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3/4" PEX x 3/4" Copper Press	LFT4927575SS	-	12.6	ProPEX 3/4"	Copper Press 3/4"	0.49
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1" PEX x 1" Copper Press	LFT4921010SS	-	22.8	ProPEX 1"	Copper Press 1"	0.84
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/4" PEX x 1 1/4" Copper Press	LFT4921313SS	-	31.8	ProPEX 1-1/4"	Copper Press 1-1/4"	1.26
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/2" PEX x 1 1/2" Copper Press	LFT4921515SS	-	41.8	ProPEX 1-1/2"	Copper Press 1-1/2"	1.99
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 2" PEX x 2" Copper Press	LFT4922020SS	-	67.3	ProPEX 2"	Copper Press 2"	3.17
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 2 1/2" PEX x 2 1/2" Copper Press	LFT4922525SS	-	110.9	ProPEX 2-1/2"	Copper Press 2-1/2"	7.82
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3" PEX x 3" Copper Press	LFT4923030SS	-	187.2	ProPEX 3"	Copper Press 3"	10.14
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3/4" PEX x 3/4" Flange	LFT4947575SS	1.24	14	ProPEX 3/4"	Flange 3/4"	1.02
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1" PEX x 1" Flange	LFT4941010SS	1.335	24.2	ProPEX 1"	Flange 1"	1.45
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/4" PEX x 1 1/4" Flange	LFT4941313SS	1.594	40.4	ProPEX 1-1/4"	Flange 1-1/4"	1.89

Part name	Part no.	Codes	Standards	Listings
ProPEX lead-free (LF) brass transition 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 Transition Ball Valve (full port) SS Ball and Stem 3/4" PEX x 3/4" FNPT	LFT4907575SS			
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 2" PEX x 2" FNPT	LFT4902020SS			
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 2 1/2" PEX x 2 1/2" FNPT	LFT4902525SS			
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3" PEX x 3" FNPT	LFT4903030SS			
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1/2" PEX x 1/2" MNPT	LFT4915050SS			
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1" PEX x 1" MNPT	LFT4911010SS			
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1/2" PEX x 1/2" Copper Press	LFT4925050SS		ASME B16.51 ICC-ES LC1002	ICC-PMG-1412
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3/4" PEX x 3/4" Copper Press	LFT4927575SS		ASME B16.51 ICC-ES LC1002	ICC-PMG-1412
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1" PEX x 1" Copper Press	LFT4921010SS		ASME B16.51 ICC-ES LC1002	ICC-PMG-1412
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/4" PEX x 1 1/4" Copper Press	LFT4921313SS		ASME B16.51 ICC-ES LC1002	ICC-PMG-1412
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/2" PEX x 1 1/2" Copper Press	LFT4921515SS		ASME B16.51 ICC-ES LC1002	ICC-PMG-1412
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 2" PEX x 2" Copper Press	LFT4922020SS		ASME B16.51 ICC-ES LC1002	ICC-PMG-1412
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 2 1/2" PEX x 2 1/2" Copper Press	LFT4922525SS		ASME B16.51 ICC-ES LC1002	ICC-PMG-1412
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3" PEX x 3" Copper Press	LFT4923030SS		ASME B16.51 ICC-ES LC1002	ICC-PMG-1412
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 3/4" PEX x 3/4" Flange	LFT4947575SS			
ProPEX LF Brass Transition Ball Valve (full port) SS Ball and Stem 1 1/4" PEX x 1 1/4" Flange	LFT4941313SS			
Installation	Related applications			
Use ProPEX LF brass transition ball valves for threaded, press, and flange connections in domestic water and mechanical HVAC piping applications.	-			
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	