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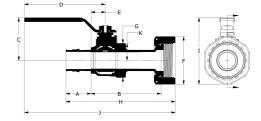
## ProPEX lead-free (LF) brass water meter valves

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

Technical data	
Material	LF Brass
Subcomponent Material	Valve: C27453 lead-free (LF) brass per ASTM B283/B283M
	Metal nut: UNS CW614 per ASTM B16/B16M
	EP nut: Polypropylene GF30 black
	Gasket: EPDM
Temp/pressure ratings	73 °F (23 °C) at 160 psi (11 bar)
	180 °F (82 °C) at 100 psi (6.9 bar)
	200 °F (93 °C) at 80 psi (5.5 bar)
Prop 65 label required?	Yes
Product information and application use	

Use Uponor ProPEX® lead-free (LF) brass water meter service valves in all commercial submetering and residential water service inlets, outlets or both. The valves allow for a direct ASTM F1960 connection to water meters sized  $\frac{5}{8}$ " to 1". Valve is sized for  $\frac{3}{4}$ " or 1" Uponor AquaPEX® tubing. Product handle material is stainless steel.

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 Straight Water Meter V PEX x 1" NPSM	'alve, 3/4" WS4820750	0.945	2.957	1.551	2.992	0.591	1.9	1.299	4.278	2.501	5.734
ProPEX LF Brass Straight Water Meter V x 1 1/4" NPSM	alve, 1" PEX WS4821000	1.181	3.302	2.015	3.819	0.677	2.25	1.614	5.158	3.139	7.119
ProPEX LF Brass Elbow Water Meter Val x 1" NPSM	lve, 3/4" PEX WS4820751	0.945	2.249	1.551	2.992	0.781	1.9	1.299	0.65	3.277	5.735
ProPEX LF Brass Elbow Water Meter Val 1 1/4" NPSM	lve, 1" PEX x WS4821001	1.181	2.625	2.015	3.819	0.827	2.25	1.614	0.807	4.022	7.119

Part name	Part no.	K [inch]	Cv	End Type 1	End Type 2	Operating temperature min. [°F]	Weight per UOM [ibs/UOM]
ProPEX LF Brass Straight Water Meter Valve, 3/4" PEX x 1" NPSM	WS4820750	0.65	10.9	ProPEX 3/4"	NPSM 1"		0.76
ProPEX LF Brass Straight Water Meter Valve, 1" PEX x 1 1/4" NPSM	WS4821000	0.807	18.7	ProPEX 1"	NPSM 1-1/4"	-29	1.22
ProPEX LF Brass Elbow Water Meter Valve, 3/4" PEX x 1" NPSM	WS4820751	0.65	4.9	ProPEX 3/4"	NPSM 1"	-29	0.76
ProPEX LF Brass Elbow Water Meter Valve, 1" PEX x 1 1/4" NPSM	WS4821001	0.807	9.7	ProPEX 1"	NPSM 1-1/4"	-	1.24

Part name	Part no.	Codes	Standards	Listings
ProPEX lead-free (LF) brass water meter valves	All	UPC IBC IRC IPC NPC of Canada UMC NSPC IMC	ASTM F877 NSF/ANSI/CAN 372 NSF/ANSI 359 ASTM F1960 CSA B137.5 NSF/ANSI/CAN 61 NSF/ANSI 14	HUD MR 1269 cNSFus-pw- G U.P.Code
In addition, the following parts have a	additional codes, standards, or listings:			
ProPEX LF Brass Elbow Water Meter Valve, 1" PEX x 1 1/4" NPSM	WS4821001			

ProPEX tool and ProPEX rings (sold separately) are required for connecting the PEX tubing. For more information, refer to the Uponor Residential Plumbing Systems Installation Guide or the Uponor Piping Systems Installation Guide.

Related applications

PEX-a Plumbing Systems

Footnotes	Contact information				
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