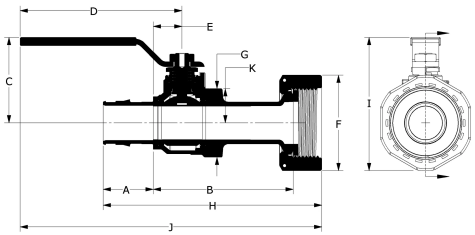
ProPEX lead-free (LF) brass water meter valves

Project information

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.1 The valves allow for a direct ASTM F1960 connection to water meters sized $^{5}/_{8}$" to 1". Valve is sized for $^{3}/_{4}$" 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 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	J [mm]
	ProPEX LF Brass Straight Water Meter Valve, 3/4" PEX x 1" NPSM	WS4820750	24	75.10	39.40	76	15	48.26	33	108.65	63.53	145.65
	ProPEX LF Brass Straight Water Meter Valve, 1" PEX x 1 1/4" NPSM	WS4821000	30	83.88	51.17	97.01	17.20	57.15	41	131.02	79.74	180.83
✔	ProPEX LF Brass Elbow Water Meter Valve, 3/4" PEX x 1" NPSM	WS4820751	24	57.13	39.40	76	19.83	48.26	33	16.50	83.23	145.68
	ProPEX LF Brass Elbow Water Meter Valve, 1" PEX x 1 1/4" NPSM	WS4821001	30	66.68	51.17	97.01	21	57.15	41	20.50	102.16	180.83

	Part name	Part no.	K [mm]	Cv	End Type 1	End Type 2	Weight per UOM [kg/UOM]
	ProPEX LF Brass Straight Water Meter Valve, 3/4" PEX x 1" NPSM	WS4820750	16.50	10.9	ProPEX 3/4"	NPSM 1"	0.345
	ProPEX LF Brass Straight Water Meter Valve, 1" PEX x 1 1/4" NPSM	WS4821000	20.50	18.7	ProPEX 1"	NPSM 1-1/4"	0.553
✔	ProPEX LF Brass Elbow Water Meter Valve, 3/4" PEX x 1" NPSM	WS4820751	16.50	4.9	ProPEX 3/4"	NPSM 1"	0.345
	ProPEX LF Brass Elbow Water Meter Valve, 1" PEX x 1 1/4" NPSM	WS4821001	20.50	9.7	ProPEX 1"	NPSM 1-1/4"	0.562

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	NSF-372|ASTM F877|NSF-359|ASTM F1960|CSA B137.5|NSF-61|NSF-14	HUD MR 1269|cNSFus-pw-G|U.P.Code

Installation

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

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