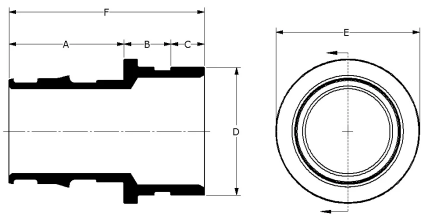
ProPEX lead-free (LF) brass groove fitting adapters

Project information

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

Technical data

Material	LF Brass
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

ProPEX® lead-free (LF) brass copper tube size (CTS) roll-groove fitting adapters provide a direct connection to roll-groove connections designed to meet CSA B242-05. These fittings are CTS size on the roll-groove connection side.

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]	Cv	End Type 1	End Type 2
ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" CTS Groove	LFV2962020	54.53	22.61	15.49	53.95	68.07	92.63	26.97	141.4	ProPEX 2"	CTS Groove 2"
ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" CTS Groove	LFV2962025	54.53	22.61	15.49	66.65	68.07	92.63	33.32	128.3	ProPEX 2"	CTS Groove 2-1/2"
ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" CTS Groove	LFV2962525	71.88	22.61	15.49	66.65	85.34	109.98	33.32	222.7	ProPEX 2-1/2"	CTS Groove 2-1/2"
ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" CTS Groove	LFV2963030	85.85	22.61	15.49	79.38	96.27	123.95	39.69	338.3	ProPEX 3"	CTS Groove 3"
ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" IPS Groove	LFV2972020	54.53	22.23	15.88	60.33	68.07	92.63	30.16	114.5	ProPEX 2"	IPS Groove 2"
ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" IPS Groove	LFV2972025	54.53	22.23	15.88	73.03	73.05	92.63	36.51	124	ProPEX 2"	IPS Groove 2-1/2"
ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" IPS Groove	LFV2972525	71.88	22.23	15.88	73.03	85.34	109.98	36.51	202	ProPEX 2-1/2"	IPS Groove 2-1/2"
ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 3" IPS Groove	LFV2972530	71.88	22.23	15.88	88.90	88.93	109.98	44.45	199.8	ProPEX 2-1/2"	IPS Groove 3"
ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" IPS Groove	LFV2973030	85.85	22.23	15.88	88.90	96.27	123.95	44.45	282.4	ProPEX 3"	IPS Groove 3"

Part name	Part no.	Weight per UOM [kg/UOM]
ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" CTS Groove	LFV2962020	0.508
ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" CTS Groove	LFV2962025	0.562
ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" CTS Groove	LFV2962525	0.844
ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" CTS Groove	LFV2963030	1.207
ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" IPS Groove	LFV2972020	0.544
ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" IPS Groove	LFV2972025	0.626

ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" IPS Groove	LFV2972525	0.871
ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 3" IPS Groove	LFV2972530	0.989
ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" IPS Groove	LFV2973030	1.252

Part name	Part no.	Codes	Standards	Listings
ProPEX lead-free (LF) brass groove fitting adapters	All	UPC|IBC|IRC|IPC|NPC of Canada|UMC|NSPC|IMC	ASTM F877|ASTM F1960|CSA B137.5	IAPMO-ES|ICC-ES-PMG|cNSFus-pw-G|U.P.Code
In addition, the following parts have additional codes, standards, or listings:				
ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" CTS Groove	LFV2962020		NSF-372|NSF-61|NSF-14	
ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" CTS Groove	LFV2962025		NSF/ANSI/CAN 372|NSF/ANSI/CAN 61|NSF/ANSI 14	
ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" CTS Groove	LFV2962525		NSF-372|NSF-61|NSF-14	
ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" CTS Groove	LFV2963030		NSF-372|NSF-61|NSF-14	
ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" IPS Groove	LFV2972020		NSF-372|NSF-61|NSF-14	
ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" IPS Groove	LFV2972025		NSF/ANSI/CAN 372|NSF/ANSI/CAN 61|NSF/ANSI 14	
ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" IPS Groove	LFV2972525		NSF-372|NSF-61|NSF-14	
ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 3" IPS Groove	LFV2972530		NSF-372|NSF-61|NSF-14	
ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" IPS Groove	LFV2973030		NSF-372|NSF-61|NSF-14	

Installation	Related applications
ProPEX tool and ProPEX rings (sold separately) are required for connecting the PEX tubing. For more information, refer to the Uponor AquaPEX® professional plumbing installation guide. For making roll-groove connections, follow the roll-groove fitting manufacturer's installation instructions	PEX-a Plumbing Systems Hydronic Radiant Heating and Cooling Systems Permafrost Protection Systems Turf Conditioning Systems

Notes

Cv = 141.4 when connecting Pex to Pex
Cv Outlet 2 = 86.1 when transitioning from Metal to Pex

Cv = 128.3 when connecting Pex to Pex
Cv Outlet 2 = 73.2 when transitioning from Metal to Pex

Cv = 222.7 when connecting Pex to Pex
Cv Outlet 2 = 138.7 when transitioning Metal to Pex

Cv = 338.3 when connecting Pex to Pex
Cv Outlet 2 = 192.3 when transitioning Metal to Pex

Cv = 114.5 when connecting Pex to Pex
Cv Outlet 2 = 79.7 when transitioning Metal to Pex

Cv = 124.0 when connecting Pex to Pex
Cv Outlet 2 = 71.6 when transitioning Metal to Pex

Cv = 202 when connecting Pex to Pex
Cv Outlet 2 = 130.2 when transitioning Metal to Pex

Cv = 199.8 when connecting Pex to Pex
Cv Outlet 2 = 114.9 when transitioning Metal to Pex

Cv = 282.4 when connecting Pex to Pex
Cv Outlet 2 = 177.4 when transitioning from Metal to Pex

Footnotes	Contact information	
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