ProPEX rings

Project information

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

Technical data

Material PEX

Product information and application use

Uponor ProPEX® rings are required to make a proper ProPEX connection. The ProPEX ring with stop includes a leading edge chamfer and stop edge.

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]	Weight per UOM [lbs/UOM]
	ProPEX Ring, 3/8	Q4690302	0.732	0.732	0.54	0
	ProPEX Ring with Stop, 1/2	Q4690512	0.879	0.879	0.63	0.01
	ProPEX Ring with Stop, 5/8	Q4690625	1	1	0.787	0.01
✔	ProPEX Ring with Stop, 3/4	Q4690756	1.128	1.128	0.866	0.01
	ProPEX Ring with Stop, 1	Q4691000	1.42	1.42	1.102	0.02
	ProPEX Ring with Stop, 1 1/4	Q4691250	1.664	1.664	1.349	0.03
	ProPEX Ring with Stop, 1 1/2	Q4691500	1.91	1.91	1.605	0.04
	ProPEX Ring with Stop, 2	Q4692000	2.626	2.626	1.968	0.13
	ProPEX Ring with Stop, 2 1/2	Q4692500	3.25	3.25	2.605	0.23
	ProPEX Ring with Stop, 3	Q4693000	3.865	3.865	3.12	0.4

Part name	Part no.	Codes	Standards	Listings
ProPEX rings	All	IMC|UPC|IBC|IRC|NBC of Canada|IPC|UFGS|NPC of Canada|UMC|NSPC	ASTM F1960|ASTM E119/UL 263|ASTM F876|ASTM E84|ASTM F2023|ASTM E814/ULC S115|ASTM F877|CSA B137.5|ULC S102.2|CSA B214|NSF/ANSI/CAN 61|ULC S101|NSF/ANSI 14	IAPMO-ES|ICC-ES-PMG|cNSFus-rfh|CCMC|PPI TR-4|CSA|UL|U.P.Code|cQAIus P321|HUD MR 1269|BMEC
In addition, the following parts have additional codes, standards, or listings:				
ProPEX Ring, 3/8	Q4690302		ASTM F	cNSFus-pw|cNSFus-pw
ProPEX Ring with Stop, 1/2	Q4690512			cNSFus-pw
ProPEX Ring with Stop, 5/8	Q4690625		ASTM F	cNSFus-pw|cNSFus-pw
ProPEX Ring with Stop, 3/4	Q4690756		UL 1821	cNSFus-pw-fs
ProPEX Ring with Stop, 1	Q4691000		UL 1821	cNSFus-pw-fs
ProPEX Ring with Stop, 1 1/4	Q4691250		UL 1821|NSF-61|NSF-14|AS	cNSFus-pw-fs
ProPEX Ring with Stop, 1 1/2	Q4691500		ASTM F	cNSFus-pw|cNSFus-pw
ProPEX Ring with Stop, 2	Q4692000		NSF-61|NSF-14	cNSFus-pw|cNSFus-pw
ProPEX Ring with Stop, 2 1/2	Q4692500		NSF-61|NSF-14	cNSFus-pw|cNSFus-pw
ProPEX Ring with Stop, 3	Q4693000		NSF-61|NSF-14	cNSFus-pw|cNSFus-pw

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Installation

Square cut the Uponor PEX tubing. Remove excess material. Slide the ProPEX ring over the end of the tubing (maximum 1 /16" overhang for rings without stop). When using the ProPEX ring with stop, slide the ring on the tubing with the chamfered edge first until the end of the tubing contacts the stop edge. Expand the tubing and ring. If using the ProPEX Manual Expander Tool, rotate the tool a quarter turn after each expansion to prevent the formation of grooves. Remove the expansion tool and fully seat the tubing and ring against the shoulder of the fitting. Make ProPEX connections at temperatures above 5°F/-15°C. For more information, refer to the Uponor PEX Piping Systems Design and Installation Guide.

Related applications

PEX-a Plumbing Systems

AquaSAFE™ Fire Safety Systems

Hydronic Radiant Heating and Cooling Systems

Snow Melting Systems

Turf Conditioning Systems

Permafrost Prevention Systems

Notes

Degree of crosslinking: 70% to 89%

Footnotes

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