

# 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.<sup>1</sup> 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	0.486	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 E84 ASTM F2023 ASTM E814/ULC S115 ASTM F877 CSA B137.5 ULC S102.2 CSA B214 NSF-61 ULC S101 NSF-14 ASTM F876	IAPMO-ES ICC-ES-PMG cNSFus-pw cNSFus-rfh CCMC PPI TR-4 CSA UL U.P.Code cQAlus P321 HUD MR 1269 BMEC
In addition, the following parts have additional codes, standards, or listings:				
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	cNSFus-pw-fs

## Installation

Square cut the Uponor PEX tubing. Remove excess material. Slide the ProPEX ring over the end of the tubing (maximum 1/16" over-hang 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 ProPEX Connections Instructional 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%

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