

ProPEX rings, white

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.¹ 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 [mm]	B [mm]	C [mm]	Weight per UOM [kg/UOM]
ProPEX Ring, 3/8	Q4690302	18.60	18.60	13.72	0.002
ProPEX Ring with Stop, 1/2	Q4690512	22.33	22.33	16	0.003
ProPEX Ring with Stop, 5/8	Q4690625	25.40	25.40	19.99	0.004
ProPEX Ring with Stop, 3/4	Q4690756	28.65	28.65	22	0.005
ProPEX Ring with Stop, 1	Q4691000	36.07	36.07	27.99	0.009
ProPEX Ring with Stop, 1 1/4	Q4691250	42.27	42.27	34.26	0.014
ProPEX Ring with Stop, 1 1/2	Q4691500	48.51	48.51	40.77	0.018
ProPEX Ring with Stop, 2	Q4692000	66.7	66.7	49.99	0.06
ProPEX Ring with Stop, 2 1/2	Q4692500	82.55	82.55	66.17	0.104
ProPEX Ring with Stop, 3	Q4693000	98.17	98.17	79.25	0.181

Part name	Part no.	Codes	Standards	Listings
ProPEX rings, white	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 ULC S101	IAPMO-ES ICC-ES-PMG 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, 3/8	Q4690302	NSF/ANSI/CAN 61 NSF/ANSI 14	cNSFus-pw
ProPEX Ring with Stop, 1/2	Q4690512	NSF/ANSI/CAN 61 NSF/ANSI 14	cNSFus-pw
ProPEX Ring with Stop, 5/8	Q4690625	NSF-61 NSF-14	cNSFus-pw
ProPEX Ring with Stop, 3/4	Q4690756	UL 1821 NSF/ANSI/CAN 61 NSF/ANSI 14	cNSFus-pw-fs
ProPEX Ring with Stop, 1	Q4691000	UL 1821 NSF-61 NSF-14	cNSFus-pw-fs
ProPEX Ring with Stop, 1 1/4	Q4691250	UL 1821 NSF-61 NSF-14	cNSFus-pw-fs
ProPEX Ring with Stop, 1 1/2	Q4691500	NSF-61 NSF-14	cNSFus-pw
ProPEX Ring with Stop, 2	Q4692000	NSF-61 NSF-14	cNSFus-pw
ProPEX Ring with Stop, 2 1/2	Q4692500	NSF-61 NSF-14	cNSFus-pw
ProPEX Ring with Stop, 3	Q4693000	NSF-61 NSF-14	cNSFus-pw

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%

Footnotes**Contact information**

Uponor Inc.
5925 148th Street West
Apple Valley, MN 55124
T 800.321.4739
F 952.891.2008

Uponor Ltd.
6510 Kennedy Road
Mississauga, ON L5T 2X4
T 888.594.7726
F 800.638.9517