

ProPEX® Ring

Submittal information
Revision I: Nov. 1, 2018

Project information

Job name:

Location:

Part no. ordered:

Engineer:

Date submitted:

Contractor:

Submitted by:

Manufacturer's representative:

Approved by:

Technical data

Material: Engel-method crosslinked polyethylene (PEX-a)

Density: 926 to 940 kg/m³

Degree of crosslinking: 70% to 89%

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.



✓ Description	Part number	Length	I.D.	O.D.	Weight
ProPEX Ring, 3/8"	Q4690302	0.54"	0.49"	0.74"	0.005 lbs.
ProPEX Ring with Stop, 1/2"	Q4690512	0.63"	0.63"	0.87"	0.006 lbs.
ProPEX Ring with Stop, 5/8"	Q4690625	0.79"	0.75"	1.00"	0.008 lbs.
ProPEX Ring with Stop, 3/4"	Q4690756	0.87"	0.88"	1.13"	0.012 lbs.
ProPEX Ring with Stop, 1"	Q4691000	1.10"	1.13"	1.42"	0.020 lbs.
ProPEX Ring with Stop, 1 1/4"	Q4691250	1.35"	1.38"	1.66"	0.030 lbs.
ProPEX Ring with Stop, 1 1/2"	Q4691500	1.61"	1.63"	1.91"	0.040 lbs.
ProPEX Ring with Stop, 2"	Q4692000	1.97"	2.14"	2.61"	0.133 lbs.
ProPEX Ring with Stop, 2 1/2"	Q4692500	2.61"	2.66"	3.25"	0.230 lbs.
ProPEX Ring with Stop, 3"	Q4693000	3.12"	3.16"	3.87"	0.400 lbs.

Installation

Square cut the Uponor PEX tubing. Remove excess material. Slide the ProPEX ring over the end of the tubing (maximum 1/8" 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.

Listings²

cNSFus-fs³; cNSFus-pw; cNSFus-rfh; cQAlus; UL; CSA; PPI TR-4; ICC-ES; IAPMO; BMEC; CCMC; cQAlus P321

Codes

ICC; IPC; IMC; IRC; UPC; UMC; NSPC; HUD; UFGS; NPC of Canada; NBC of Canada

Standards

ANSI/NSF 14; ANSI/NSF 61; ASTM F876; ASTM F877; ASTM F1960; ASTM F2023; ASTM E84; CAN/ULC S102.2; ASTM E119/UL 263; CAN/ULC S101; ASTM E814/ULC S115; CSA B137.5; CSA B214; UL 1821³; ULC/ORD-C199P³

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

Contact information

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¹ProPEX® is a registered trademark of Uponor, Inc. ProPEX™ is a trademark of Uponor Ltd.

²Visit listing agency's website for complete information; ³For 1/2", 3/4", 1", 1 1/4", 1 1/2" and 2" tubing only