

## ProPEX® Ring

Submittal Information  
Revision G: July 17, 2015

### 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/m<sup>3</sup>

Degree of crosslinking: 70% to 89%



### 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.

✓ 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 1/16" 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 Professional Plumbing Installation Guide, the AquaSAFE™ Fire Safety Installation Guide or the Uponor Radiant Installation Handbook.

### Listings<sup>2</sup>

cNSFus-fus<sup>3</sup>; cNSFus-pw; cNSFus-rfh; cQAIus; UL; CSA; WH; ETL; PPI TR-4; ICC-ES; IAPMO; BMEC; CCMC; cQAIus 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; AWWA C904<sup>4</sup>; CSA B137.5; CSA B214; UL 1821<sup>3</sup>; ULC/ORD-C199P<sup>3</sup>

### 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

Uponor, Inc.  
5925 148<sup>th</sup> Street West  
Apple Valley, MN 55124 USA  
Phone: 800.321.4739  
Fax: 952.891.2008  
www.uponorpro.com

Uponor Ltd.  
2000 Argentia Road, Plaza 1, Suite 200  
Mississauga, ON L5N 1W1 CANADA  
Phone: 888.994.7726  
Fax: 800.638.9517  
www.uponorpro.com

<sup>1</sup>ProPEX® is a registered trademark of Uponor, Inc. ProPEX™ is a trademark of Uponor Ltd.

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