ProPEX® Ring

Submittal Information
Revision D: June 8, 2012

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^3
Degree of crosslinking:	70% to 89%

Product Information and Application Use

Manufactured from PEX-a material, 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, ⅜"	Q4690302	0.54"	0.49"	0.74"	0.005 lbs.
☐	ProPEX Ring with Stop, ½"	Q4690512	0.63"	0.63"	0.87"	0.006 lbs.
☐	ProPEX Ring, ⅝"	Q4680625	0.79"	0.75"	1.00"	0.008 lbs.
☐	ProPEX Ring with Stop, ¾"	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, 1¼"	Q4691250	1.35"	1.38"	1.66"	0.030 lbs.
☐	ProPEX Ring with Stop, 1½"	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.

Installation

Square cut the Uponor ProPEX 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 AquaPEX® Professional Plumbing Installation Handbook, the AquaSAFE™ Fire Safety Installation Guide or the Uponor Radiant Installation Handbook.

Standards

ASTM F1960

Codes

IPC; UPC; NSPC; NPC of Canada

Listings

½", ¾", 1", 1¼", 1½" and 2" UL 1821 and ULC/ORD-C199P; HUD MR 1269; ICC ESR 1099; ANSI/NSF 14- and 61-certified

Related Applications

PEX-a Plumbing Systems
Radiant Heating and Cooling Systems
AquaSAFE Fire Safety Systems

Contact Information

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