

ProPEX rings

Submittal information

Date submitted:

Project Information

Job name :	Location :
Engineer :	Date submitted:
Contractor :	Submitted by:
Manufacturer's representative :	Approved by :

Technical Data

Material	PEX
Linear expansion rate	1.1 inch/10°f/100ft (27.94 mm/5.56°c/30.48m)

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.



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

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

Codes

IMC|UPC|IBC|IRC|NBC of Canada|IPC|IFGS|NPC of Canada|UMC|NSPC

Standards

ASTM F1960|ASTM E119/UL 263|ASTM F876|ASTM F876|ASTM E84|ASTM F2023|ASTM E814/ULC S115|ASTM F877|CSA B137.5|ULC S102.2|CSA B214|NSF-61|ULC S101|NSF-14*

Listings

IAPMO-ES|ICC-ES-PMG|cNSFus-pw|cNSFus-rfh|CCMC|PPI TR-4|CSA|UL|U.P.Code|cQAlus P321|HUD MR 1269|BMEC*

Notes

Degree of crosslinking: 70% to 89%

ProPEX® is a registered trademark of Uponor Inc. ProPEX™ is a trademark of Uponor Ltd.
* Some SKUs in this family have additional codes, standards, or listings. Please see uponor.com for complete information.

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