

ProPEX manifold fitting assemblies

Project Information

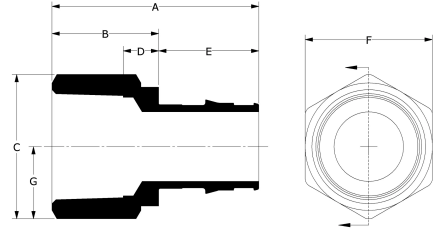
Job name :	Location :
Engineer :	Date submitted:
Contractor :	Submitted by:
Manufacturer's representative :	Approved by :

Technical data

Material	Brass
Temp/pressure ratings	73 °F (23 °C) at 160 psi (11 bar) 180 °F (82 °C) at 100 psi (6.9 bar) 200 °F (93 °C) at 80 psi (5.5 bar)
Prop 65 label required?	Yes

Product information and application use

The Uponor ProPEX® Fitting Assembly threads onto Uponor manifold loop outlets.¹ The fitting features an R20 or R25 thread with a ProPEX connection to connect Uponor crosslinked polyethylene (PEX) tubing to the manifold in radiant heating and cooling applications.



Part name	Part no.	A [Inch]	B [Inch]	C [Inch]	D [Inch]	E [Inch]	F [Inch]	G [Inch]	Weight per UOM [lbs/UOM]	End Type 1	End Type 2
3/8" ProPEX Fitting Assembly, R20 Thread	Q4020375	1.196	0.605	1.368	0.285	0.591	1.187	0.684	0.18	ProPEX 3/8"	ISO 228-G 3/4"
1/2" ProPEX Fitting Assembly, R20 Thread	Q4020500	1.321	0.612	1.368	0.285	0.709	1.187	0.684	0.18	ProPEX 1/2"	ISO 228-G 3/4"
5/8" ProPEX Fitting Assembly, R20 Thread	Q4020625	1.468	0.602	1.368	0.285	0.866	1.187	0.684	0.2	ProPEX 5/8"	ISO 228-G 3/4"
3/4" ProPEX Fitting Assembly, R20 Thread	Q4020750	1.55	0.605	1.368	0.285	0.945	1.187	0.684	0.19	-	-
5/8" ProPEX Fitting Assembly, R25 thread	Q4030625	1.634	0.768	1.729	0.285	0.866	1.5	0.865	0.4	ProPEX 5/8"	ISO 228-G 1"
3/4" ProPEX Fitting Assembly, R25 Thread	Q4030750	1.713	0.768	1.729	0.285	0.945	1.5	0.865	0.36	ProPEX 3/4"	ISO 228-G 1"

Installation

R20 or R25 threads onto the Uponor manifold loop outlets. Compression end enables direct connection to Uponor PEX tubing. For more information, refer to the Uponor Radiant Floor Heating Installation Handbook. Accessories: Replacement O-ring for insert, R20 (A4021116); Replacement O-ring for insert, R25 (A4021000)

Related applications

Radiant Heating and Cooling Systems

Codes

IMC|IRC|NBC of Canada|UMC

Standards

ASTM F1960|CSA B137.5|ASTM F877|R20: ISO 228-G ¾"

Listings

cNSFus-rfh|ICC-ES-PMG 1012

Trademark information

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

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