

2" Uponor AquaPEX® Expansion Joint

Submittal Information
Revision E: May 24, 2013

Project Information

Job Name:

Location:

Part No. Ordered:

Engineer:

Date Submitted:

Contractor:

Submitted By:

Manufacturer's Representative:

Approved By:

Technical Data

Material: Crosslinked polyethylene
PEX-a Engel method; PEX 5106

Standard Grade: 200°F at 80 psi (93°C at 5.5 bar)

Hydrostatic Ratings (PPI): 180°F at 100 psi (82°C at 6.9 bar)
73.4°F at 160 psi (23°C at 11 bar)

Linear Expansion Rate: 1.10"/10°F/100'
(27.94mm/5.56°C/30.48m)



Product Information and Application Use

The 2" Uponor AquaPEX® Expansion Joint offers a complete labor and cost savings solution for potable-plumbing systems requiring expansion joints to accommodate expansion and contraction in long tubing runs.

✓ Description	Part Number	Length	Height	Depth	Weight
2" Uponor AquaPEX Expansion Joint	F8152000	19.75"	13.75"	2.25"	4.5 lbs.

Installation

Approved fitting system is ProPEX®.¹ Installing expansion loops every 50 feet of straight-length tubing is required in horizontal runs. Always install the loop at the midpoint of two fixed points. When using engineered polymer (EP) fittings inline, an expansion loop is required for any run longer than 20 feet and for every 50 feet of tubing. For more information, refer to the Uponor Plumbing Design Assistance Manual (PDAM).

Listings²

cNSFus-fs³; cNSFus-pw; cQAIus; UL; CSA; WH; ETL; PPI TR-4; ICC-ES; IAPMO; BMEC; CCMC

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 C904⁴; CSA B137.5; CSA B214; UL 1821³; ULC/ORD-C199P³

Related Applications

PEX-a Plumbing 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 ½", ¾", 1", 1¼", 1½" and 2" tubing only; ⁴For ¾" tubing and larger