2" Wirsbo hePEX™ Expansion Joint Kit

Submittal Information
Revision A: Jan. 8, 2010

Project Information

Job Name:

Location: | Part No. Ordered:

Engineer: | Date Submitted:

Contractor: | Submitted By:

Manufacturer's Representative: | Approved By:

Technical Data

Material:

Expansion Loop:	PEX-a (Engel Method) with oxygen barrier
2" Brass Elbow:	UNS 37700 Brass
ProPEX® Rings:[1]	PEX-a (Engel Method)
Standard Grade Hydrostatic Ratings (PPI):	200°F at 80 psi (93°C at 5.51 bar) 180°F at 100 psi (82°C at 6.89 bar) 73.4°F at 160 psi (23°C at 11.03 bar)
Linear Expansion Rate:	1.1"/10°F per 100 ft. (US) 27.94mm/5.56°C per 30.48m (CA)

Product Information and Application Use

2" Wirsbo hePEX™ Expansion Joint Kit includes one pre-formed Expansion Loop, two ProPEX Brass Elbows (Q4712000) and four ProPEX Rings (Q4682000). Wirsbo hePEX tubing is designed for closed-loop radiant heating applications. Wirsbo hePEX tubing features an oxygen-diffusion barrier that meets German DIN 4726. A crosslinked coating is extruded over the oxygen barrier to protect from site abuse and moisture saturation.

✓	Description	Part Number	Length	Height	Depth	Weight
☐	2" Wirsbo hePEX Expansion Joint Kit	A1982000	19.75"	13.75"	2.25"	4.500 lbs.
	ProPEX Brass Elbow, 2" PEX x 2" PEX	Q4712000	05.00"	05.00"	2.75"	2.250 lbs.
	ProPEX Ring, 2"	Q4682000	02.60"	02.60"	2.00"	0.125 lbs.

Installation

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 EP Fittings inline, an Expansion Loop is required at the mid-point for any run longer than 20 feet through 50 feet. For more information, refer to the 2" Wirsbo hePEX Expansion Joint Kit Instruction Sheet.

Standards

CSA B137.5; ASTM F876; ASTM F1960; ASTM-E84; CAN/ULC S102.2; ASTM-E119/UL 263

Codes

IPC; UPC; NSPC; IRC; NPC of Canada

Listings

NSF-rfh; ITS; UL; PPI; WARNOCK HERSEY 25 FS/50 SD plenum listing

Related Applications

Radiant Heating and Cooling Systems
Snow and Ice Melting Systems
Permafrost Protection Systems
Turf Conditioning Systems

Contact Information

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