

RHT PEXb Tubing

Submittal Information



Project Information

Job Name:

Location:

Part No. Ordered:

Engineer:

Date Submitted:

Contractor:

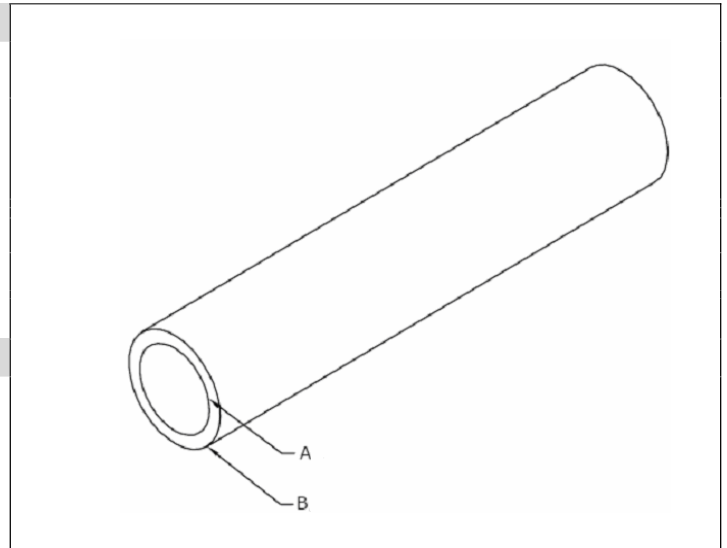
Submitted By:

Manufacturer's Representative:

Approved By:

Technical Data

Material:	Crosslinked polyethylene PEXb, silane method
Operating pressure (PN, MPa) and maximum working temperature (TmaxC)	(1) PN=0.69Mpa (100PSI) Tmax=82 C (180 F) (2) PN=1.0Mpa (145psi) Tmax=23 C (73 F)



Product Information and Application Use

RHT Radiant PEX pipe is a crosslinked polyethylene PEXb pipe created by the moisture cure method. It fully meets today's strict ASTM F 876, 877 and NSF 14/61 standards for PEX radiant tubing, and the non O2 barrier PEX is also certified for use with potable water. RHT Radiant PEX is produced with a strong Oxygen-Barrier and can be used with either ferrous or non ferrous systems. Compatibility: Since the pipe adheres to ASTM SDR9 standard PEX tubing dimensions, this pipe will be compatible with any mechanical or crimp fitting within that standard.

✓ Description

A B

1/2" RHT PEXb Nom. Size 1/2"	Avg. ID 0.475 (a)	Avg. OD 0.625 (b)	Avg Fluid Cap. .0092 gal/ft
5/8" RHT PEXb Nom. Size 5/8"	Avg. ID 0.574 (a)	Avg. OD 0.750 (b)	Avg Fluid Cap. .0134 gal/ft
3/4" RHT PEXb Nom. Size 3/4"	Avg. ID 0.677 (a)	Avg. OD 0.875 (b)	Avg Fluid Cap. .0184 gal/ft
1" RHT PEXb Nom. Size 1"	Avg. ID 0.862 (a)	Avg. OD 1.125 (b)	Avg Fluid Cap. .0303 gal/ft

Installation

Recommended installation methods for RHT PEX tubing in radiant heating applications are:

- ✓ with RHT Floor Panel System over subfloor
- ✓ stapled to subfloor with lightweight concrete topping pour
- ✓ embedded in concrete by wire tying to mesh or rebar, or by stapling PEX to foamboard insulation
- ✓ stapled up between joists with RHT heat transfer plates