

# PEX-B Pipe for Potable Water

Job Name	_____
Location	_____
Engineer	_____
Contractor	_____
Tag	_____ PO# _____

## Specifications

- Approved for use with F1807 and F2159 fittings
- Corrosion and chlorine resistant
- Flexible
- Easy to install

## Applications

- Hot and cold potable water distribution systems

## Materials

- Crosslinked polyethylene

## Certifications/Listings/Approvals

- NSF/ANSI 14, 61 and 372 approved
- ASTM E84, ASTM E119, ASTM F876, ASTM F877, ASTM F1807, and ASTM F2159 approved
- CSA B137.5 standard

## Chlorine/UV Resistance

- 5306

## Pressure and Temperature Ratings (Hydrostatic)

- 73°F at 160 psi (23°C at 11 bar)
- 180°F at 100 psi (82°C at 6.9 bar) \*
- 200°F at 80 psi (93°C at 5.5 bar) \*

\* Ratings stated are hydrostatic ratings. For domestic hot water and hot water recirculation, do not exceed 140°F at 80 psi (60°C at 5.5bar).

## Linear Expansion Rate

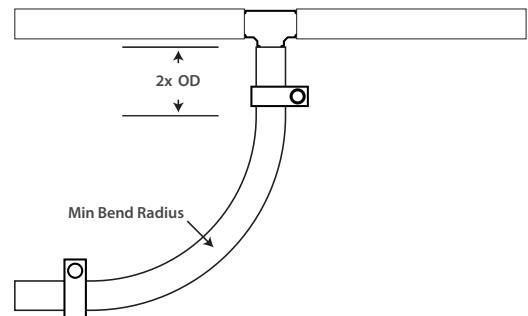
- JS PEX-B expands and contracts at a rate of 1.1" per 100' per 10 degree change in temperature (delta T)

## Minimum Bending Radius

- Minimum bend radius is 6x the Outer Diameter (OD) of the pipe.
- JS recommends a minimum distance of 2x the OD before changing pipe direction.



TUBING SIZE	MIN BENDING RADIUS	2 X (OD)
0.50"	3.75" (95mm)	1.25"
0.75"	5.25" (133mm)	1.75"
1.00"	6.75" (171mm)	2.25"
1.25"	8.25" (210mm)	2.5"
1.50"	9.75" (248mm)	3.25"
2.00"	12.75" (324mm)	4.25"



**Dimensions and Product Offering**

PART NO.	DESCRIPTION	OD	OD TOLERANCE	WALL THICKNESS	WALL THICKNESS TOLERANCE
C76933	1/2" x 10' White Pipe, 20 Straights	0.625"	±0.004"	0.070"	+0.010"
C76934	1/2" x 20' White Pipe, 20 Straights	0.625"	±0.004"	0.070"	+0.010"
C76903	1/2" x 100' White Pipe, Coil	0.625"	±0.004"	0.070"	+0.010"
C76906	1/2" x 300' White Pipe, Coil	0.625"	±0.004"	0.070"	+0.010"
C76909	1/2" x 500' White Pipe, Coil	0.625"	±0.004"	0.070"	+0.010"
C76900	1/2" x 1000' White Pipe, Coil	0.625"	±0.004"	0.070"	+0.010"
C76937	3/4" x 10' White Pipe, 15 Straights	0.875"	±0.004"	0.097"	+0.010"
C76938	3/4" x 20' White Pipe, 15 Straights	0.875"	±0.004"	0.097"	+0.010"
C76915	3/4" x 100' White Pipe, Coil	0.875"	±0.004"	0.097"	+0.010"
C76918	3/4" x 300' White Pipe, Coil	0.875"	±0.004"	0.097"	+0.010"
C76921	3/4" x 500' White Pipe, Coil	0.875"	±0.004"	0.097"	+0.010"
C76912	3/4" x 1000' White Pipe, Coil	0.875"	±0.004"	0.097"	+0.010"
C76942	1" x 20' White Pipe, 10 Straights	1.125"	±0.005"	0.125"	+0.013"
C76924	1" x 100' White Pipe, Coil	1.125"	±0.005"	0.125"	+0.013"
C76927	1" x 300' White Pipe, Coil	1.125"	±0.005"	0.125"	+0.013"
C76930	1" x 500' White Pipe, Coil	1.125"	±0.005"	0.125"	+0.013"
C76936	1/2" x 20' Red Pipe, 20 Straights	0.625"	±0.004"	0.070"	+0.010"
C76905	1/2" x 100' Red Pipe, Coil	0.625"	±0.004"	0.070"	+0.010"
C76908	1/2" x 300' Red Pipe, Coil	0.625"	±0.004"	0.070"	+0.010"
C76911	1/2" x 500' Red Pipe, Coil	0.625"	±0.004"	0.070"	+0.010"
C76902	1/2" x 1000' Red Pipe, Coil	0.625"	±0.004"	0.070"	+0.010"
C76940	3/4" x 20' Red Pipe, 10 Straights	0.875"	±0.004"	0.097"	+0.010"
C76917	3/4" x 100' Red Pipe, Coil	0.875"	±0.004"	0.097"	+0.010"
C76920	3/4" x 300' Red Pipe, Coil	0.875"	±0.004"	0.097"	+0.010"
C76923	3/4" x 500' Red Pipe, Coil	0.875"	±0.004"	0.097"	+0.010"
C76914	3/4" x 1000' Red Pipe, Coil	0.875"	±0.004"	0.097"	+0.010"
C76941	1" x 20' Red Pipe, 10 Straights	1.125"	±0.005"	0.125"	0.013
C76926	1" x 100' Red Pipe, Coil	1.125"	±0.005"	0.125"	+0.013"
C76929	1" x 300' Red Pipe, Coil	1.125"	±0.005"	0.125"	+0.013"
C76932	1" x 500' Red Pipe, Coil	1.125"	±0.005"	0.125"	+0.013"

**Dimensions and Product Offering**

PART NO.	DESCRIPTION	OD	OD TOLERANCE	WALL THICKNESS	WALL THICKNESS TOLERANCE
C76935	1/2" x 20' Blue Pipe, 20 Straights	0.625"	±0.004"	0.070"	+0.010"
C76904	1/2" x 100' Blue Pipe, Coil	0.625"	±0.004"	0.070"	+0.010"
C76907	1/2" x 300' Blue Pipe, Coil	0.625"	±0.004"	0.070"	+0.010"
C76910	1/2" x 500' Blue Pipe, Coil	0.625"	±0.004"	0.070"	+0.010"
C76901	1/2" x 1000' Blue Pipe, Coil	0.625"	±0.004"	0.070"	+0.010"
C76939	3/4" x 20' Blue Pipe, 10 Straights	0.875"	±0.004"	0.097"	+0.010"
C76916	3/4" x 100' Blue Pipe, Coil	0.875"	±0.004"	0.097"	+0.010"
C76919	3/4" x 300' Blue Pipe, Coil	0.875"	±0.004"	0.097"	+0.010"
C76922	3/4" x 500' Blue Pipe, Coil	0.875"	±0.004"	0.097"	+0.010"
C76913	3/4" x 1000' Blue Pipe, Coil	0.875"	±0.004"	0.097"	+0.010"
C76943	1" x 20' Blue Pipe, 10 Straights	1.125"	±0.005"	0.125"	+0.013"
C76925	1" x 100' Blue Pipe, Coil	1.125"	±0.005"	0.125"	+0.013"
C76928	1" x 300' Blue Pipe, Coil	1.125"	±0.005"	0.125"	+0.013"
C76931	1" x 500' Blue Pipe, Coil	1.125"	±0.005"	0.125"	+0.013"