

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).

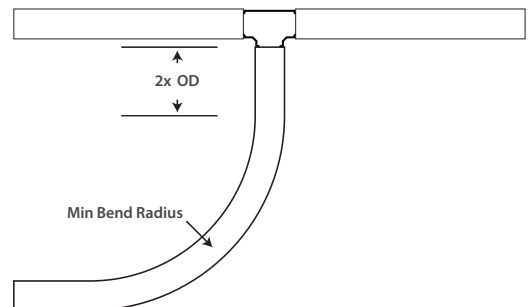
Linear Expansion Rate

- 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. If using coiled piping and bending against the coil direction, the minimum bend radius should be increased by three.
- 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, 50 Straights	0.625"	±0.004"	0.070"	+0.010"
C76944	1/2" x 10' Red Pipe, 50 Straights	0.625"	±0.004"	0.070"	+0.010"
C76945	1/2" x 10' Blue Pipe, 50 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"
C76936	1/2" x 20' Red Pipe, 20 Straights	0.625"	±0.004"	0.070"	+0.010"
C76935	1/2" x 20' Blue 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"
C76905	1/2" x 100' Red Pipe, Coil	0.625"	±0.004"	0.070"	+0.010"
C76904	1/2" x 100' Blue 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"
C76908	1/2" x 300' Red 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"
C76909	1/2" x 500' White 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"
C76910	1/2" x 500' Blue 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"
C76902	1/2" x 1000' Red 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"
C76937	3/4" x 10' White Pipe, 25 Straights	0.875"	±0.004"	0.097"	+0.010"
C76946	3/4" x 10' Red Pipe, 25 Straights	0.875"	±0.004"	0.097"	+0.010"
C76947	3/4" x 10' Blue Pipe, 25 Straights	0.875"	±0.004"	0.097"	+0.010"
C76938	3/4" x 20' White Pipe, 25 Straights	0.875"	±0.004"	0.097"	+0.010"
C76940	3/4" x 20' Red Pipe, 25 Straights	0.875"	±0.004"	0.097"	+0.010"
C76939	3/4" x 20' Blue Pipe, 25 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"
C76917	3/4" x 100' Red Pipe, Coil	0.875"	±0.004"	0.097"	+0.010"
C76916	3/4" x 100' Blue 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"
C76920	3/4" x 300' Red 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"
C76921	3/4" x 500' White 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"
C76922	3/4" x 500' Blue 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"
C76914	3/4" x 1000' Red 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"

PART NO.	DESCRIPTION	OD	OD TOLERANCE	WALL THICKNESS	WALL THICKNESS TOLERANCE
C76942	1" x 20' White Pipe, 15 Straights	1.125"	±0.005"	0.125"	+0.013"
C76941	1" x 20' Red Pipe, 15 Straights	1.125"	±0.005"	0.125"	0.013
C76943	1" x 20' Blue Pipe, 15 Straights	1.125"	±0.005"	0.125"	+0.013"
C76924	1" x 100' White Pipe, Coil	1.125"	±0.005"	0.125"	+0.013"
C76926	1" x 100' Red Pipe, Coil	1.125"	±0.005"	0.125"	+0.013"
C76925	1" x 100' Blue 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"
C76929	1" x 300' Red 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"
C76930	1" x 500' White 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"
C76931	1" x 500' Blue Pipe, Coil	1.125"	±0.005"	0.125"	+0.013"
C76948	1-1/4" x 100' White Pipe, Coil	1.375"	±0.005"	0.153"	+0.015"
C76949	1-1/4" x 300' White Pipe, Coil	1.375"	±0.005"	0.153"	+0.015"
C76950	1-1/4" x 20' White Pipe, 5 Straights	1.375"	±0.005"	0.153"	+0.015"
C76951	1-1/2" x 100' White Pipe, Coil	1.625"	±0.006"	0.181"	+0.019"
C76952	1-1/2" x 300' White Pipe, Coil	1.625"	±0.006"	0.181"	+0.019"
C76953	1-1/2" x 20' White Pipe, 5 Straights	1.625"	±0.006"	0.181"	+0.019"
C76954	2" x 100' White Pipe, Coil	2.125"	±0.006"	0.236"	+0.024"
C76955	2" x 300' White Pipe, Coil	2.125"	±0.006"	0.236"	+0.024"
C76956	2" x 20' White Pipe, 5 Straights	2.125"	±0.006"	0.236"	+0.024"