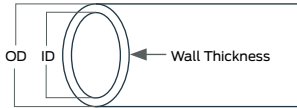




# SharkBite™ PEX-b Blue PEX-b Tubing

SharkBite™ PEX-b is a cross-linked polyethylene tubing designed for use in residential and commercial applications.

## Specification Data



### Tubing Dimensions

Nominal Size (CTS)	O. D. (in)	Wall Thickness (in)	Approx. I.D. (in)	Weight per ft. (lb.)	Volume per ft. (gal.)
3/8"	0.500 ± 0.003	0.070 + 0.010	0.350	0.041	0.005
1/2"	0.625 ± 0.004	0.070 + 0.010	0.475	0.053	0.009
3/4"	0.875 ± 0.004	0.097 + 0.010	0.671	0.102	0.018
1"	1.125 ± 0.005	0.125 + 0.013	0.862	0.169	0.030

Tolerances referenced from ASTM F876.

## Applications

Potable water, residential fire suppression, radiant heating, direct burial, embedment in concrete, snow & ice melting, geothermal ground-loops, turf conditioning, municipal water service lines & plenum application.

### Materials

Cross-Linked Polyethylene / PEX-b / Silane Method

### Materials Designation Code - PEX 5306

(5) Chlorine Resistance	Rated to continuously recirculate hot water at 140°F (40°C)
(3) UV Resistance	Six-month UV resistance
(06) Hydrostatic Stress	160 psi @ (33°F - 70°F) (0.5°C - 21°C) 100 psi @ 180°F (80°C) 80 psi @ 200°F (93°C)

For more technical data, visit the product at:  
<https://www.sharkbite.com/products/potable-plex-b>

## Certifications & Listings

CSA B137.5, ANSI/NSF/CAN 61, NSF/ANSI 14, ASTM F876, ASTM F2023, ASTM F2657, ASTM F877, UL 1821, ASTM E84, ASTM E119 & CAN/ULC S101, AWWA C904



Refer to local plumbing code

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Canada 1 888 820 0120 | [canadasales@rwc.com](mailto:canadasales@rwc.com)

### Part number and description

Part #	PEX Tubing (Coil)
U855B100	3/8" 100' Coil
U860B50	1/2" 50' Coil
U860B100	1/2" 100' Coil
U860B300	1/2" 300' Coil
U860B500	1/2" 500' Coil
U860B1000	1/2" 1000' Coil
U870B25	3/4" 25' Coil
U870B50	3/4" 50' Coil
U870B100	3/4" 100' Coil
U870B300	3/4" 300' Coil
U870B500	3/4" 500' Coil
U880B100	1" 100' Coil
U880B300	1" 300' Coil
U880B500	1" 500' Coil

Part #	PEX Tubing (Straight Length)
U860B2	1/2" 2' Straight Length
U860B5	1/2" 5' Straight Length
U860B10	1/2" 10' Straight Length
U860B20	1/2" 20' Straight Length
U870B2	3/4" 2' Straight Length
U870B5	3/4" 5' Straight Length
U870B10	3/4" 10' Straight Length
U870B20	3/4" 20' Straight Length
U880B5	1" 5' Straight Length
U880B10	1" 10' Straight Length
U880B20	1" 20' Straight Length

### Bend Radius

Unsupported Bend Radius = 8 X O.D.

### Expansion & Contraction Rate

Expansion rate: 1.1" / 10°F / 100'

### Product Submittal

Name	
Date	
Architect/Owner	
Contractor	
Tag	
Notes	

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EN-US