

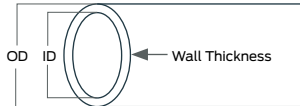


# SharkBite™ PEX-b

## White 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.) |
|--------------------|---------------|---------------------|-------------------|----------------------|-----------------------|
| 1/4"               | 1.375 ± 0.003 | 0.062 ± 0.010       | 0.241             | 0.027                | 0.002                 |
| 3/8"               | 0.500 ± 0.003 | 0.070 + 0.010       | 0.35              | 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                 |
| 1 - 1/4"           | 1.375 ± 0.005 | 0.153 ± 0.015       | 1.054             | 0.252                | 0.045                 |
| 1 - 1/2"           | 1.525 ± 0.006 | 0.181 ± 0.019       | 1.244             | 0.354                | 0.063                 |
| 2"                 | 2.125 ± 0.006 | 0.236 ± 0.024       | 1.629             | 0.602                | 0.108                 |

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 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)<br>100 psi @ 180°F (80°C)<br>80 psi @ 200°F (93°C) |

### 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

US 1 877 700 4242 | sales@sharkbite.com | sharkbite.com  
Canada 1 888 820 0120 | canadasales@rwc.com

#### Part number and description

| Part #    | PEX Tubing (Coil)   | Part #  | PEX Tubing (Straight Length) |
|-----------|---------------------|---------|------------------------------|
| U850W50   | 1/4" (3/8" OD) 50'  | U850W5  | 1/4" (3/8" OD) 5'            |
| U850W100  | 1/4" (3/8" OD) 100' | U855W5  | 3/8" 5'                      |
| U855W50   | 3/8" 50'            | U855W10 | 3/8" 10'                     |
| U855W100  | 3/8" 100'           | U860W2  | 1/2" 2'                      |
| U860W25   | 1/2" 25'            | U860W5  | 1/2" 5'                      |
| U860W50   | 1/2" 50'            | U860W10 | 1/2" 10'                     |
| U860W100  | 1/2" 100'           | U860W20 | 1/2" 20'                     |
| U860W300  | 1/2" 300'           | U870W2  | 3/4" 2'                      |
| U860W500  | 1/2" 500'           | U870W5  | 3/4" 5'                      |
| U860W1000 | 1/2" 1000'          | U870W10 | 3/4" 10'                     |
| U870W25   | 3/4" 25'            | U870W20 | 3/4" 20'                     |
| U870W50   | 3/4" 50'            | U880W5  | 1" 5'                        |
| U870W100  | 3/4" 100'           | U880W10 | 1" 10'                       |
| U870W300  | 3/4" 300'           | U880W20 | 1" 20'                       |
| U870W500  | 3/4" 500'           | U885W20 | 1-1/4" 20'                   |
| U880W100  | 1" 100'             | U890W20 | 1-1/2" 20'                   |
| U880W300  | 1" 300'             | U895W20 | 2" 20'                       |
| U880W500  | 1" 500'             |         |                              |
| U885W100  | 1-1/4" 100'         |         |                              |
| U890W100  | 1-1/2" 100'         |         |                              |
| U895W100  | 2" 100'             |         |                              |

#### Materials

Cross-Linked Polyethylene / PEX-b / Silane Method

#### Bend Radius

Unsupported Bend Radius = 8 X O.D.

#### Expansion & Contraction Rate

Expansion rate: 1.1" / 10°F / 100'

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

#### Product Submittal

|                 |  |
|-----------------|--|
| Name            |  |
| Date            |  |
| Architect/Owner |  |
| Contractor      |  |
| Tag             |  |
| Notes           |  |

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