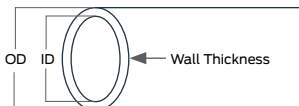


# SharkBite™ PEX-a

## Blue PEX-a Tubing

SharkBite™ PEX-a 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.)
1/2"	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

Tolerances referenced from ASTM F876.

### Applications

Potable water distribution, radiant heating, direct burial, embedded in concrete, snow & ice melting, geothermal groundloops, turf conditioning, municipal water service lines, fire suppression & plenum application.

#### Materials

Cross-Linked Polythethylene / PEX-a / Peroxide Method

#### Materials Designation Code - PEX 5106

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

### Certifications & Listings

ASTM F876, ASTM F877, NSF/  
ANSI 14, NSF/ANSI/CAN 61, NSF/  
ANSI/CAN 372, ASTM F2023,  
ASTM F2657, CSA B137.5,  
ASTM E84CAN/ULC S102.2,  
ASTM E119CAN/ULC S101



Refer to local plumbing code

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

This information is proprietary to RWC and is subject to change without notice. It may not be reproduced in part or whole without written authorization.

#### Part number and description

Part #	PEX Tubing (Coil)
UA60B100	1/2" 100' Coil
UA60B300	1/2" 300' Coil
UA70B100	3/4" 100' Coil
UA70B300	3/4" 300' Coil
UA80B100	1" 100' Coil

#### Part # PEX Tubing (Straight Length)

UA60B10	1/2" 10' Straight Length
UA60B20	1/2" 20' Straight Length
UA70B10	3/4" 10' Straight Length
UA70B20	3/4" 20' Straight Length
UA80B20	1" 20' Straight Length

#### Bend Radius

Unsupported Bend Radius = 6 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-a>

#### Product Submittal

Name	
Date	
Architect/Owner	
Contractor	
Tag	
Notes	

Rev 1.1 / 01-21-22  
EN-US

AN RWC BRAND  
**RWC**