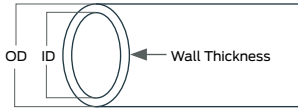


SharkBite™ PEX-a

White 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
1"	1.125 ± 0.005	0.125 + 0.013	0.862	0.169	0.030

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 5306

(5) Chlorine Resistance	Rated to continuously recirculate hot water at 140°F (40°C)
(3) UV Resistance	Six-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,
UL 1821-2003



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)
UA60W100	1/2" 100' Coil
UA60W300	1/2" 300' Coil
UA70W100	3/4" 100' Coil
UA80W100	1" 100' Coil

Part # PEX Tubing (Straight Length)

UA60W10	1/2" 10' Straight Length
UA60W20	1/2" 20' Straight Length
UA70W10	3/4" 10' Straight Length
UA70W20	3/4" 20' Straight Length
UA80W10	1" 10' Straight Length
UA80W20	1" 20' Straight Length
UA85W20	1-1/4" 20' Straight Length
UA90W20	1-1/2" 20' Straight Length
UA95W20	2" 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-pe-x-a>

Product Submittal

Name	
Date	
Architect/Owner	
Contractor	
Tag	
Notes	

Rev 1.1 / 07-18-23
EN-US