

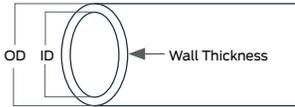


# SharkBite™ PEX-a

## Red 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
(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)

### Certifications & Listings

ASTM F876, ASTM F877, NSF/  
ANSI 14, NSF/ANSI/CAN 61, NSF/  
ANSI/CAN 372, ASTM F2023,  
ASTM F2657, CSA B137.5, UL 1821,  
ASTM E84CAN/ULC S102.2, ASTM  
E119CAN/ULC S101



Refer to local plumbing code

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#### Part number and description

Part #	PEX Tubing (Coil)
UA60R100	1/2" 100' Coil
UA70R100	3/4" 100' Coil

Part #	PEX Tubing (Straight Length)
UA60R10	1/2" 10' Straight Length
UA70R10	3/4" 10' 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	

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