

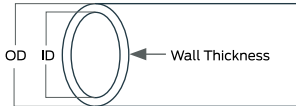


# SharkBite™ PEX-a

## Natural, Red Text 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

Tolerances referenced from ASTM F876.

### Applications

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

#### Materials

Cross-Linked Polythethylene / PEX-a / Peroxide Method

#### Materials Designation Code - PEX 5006

(5) Chlorine Resistance	Rated to continuously recirculate hot water at 140°F (40°C)
(0) UV Resistance	Not tested
(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,  
CSA B137.5,  
ASTM E84CAN/ULC S102.2,  
ASTM E119CAN/ULC S101,  
UL 1821-2003

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#### Part number and description

Part #	PEX Tubing
UA60NR100	1/2" 100' Coil
UA60NR1000	1/2" 1000' Coil
UA60NR300	1/2" 300' Coil
UA60NR500	1/2" 500' Coil

#### Part # PEX Tubing

UA60NR10	1/2" 10' Straight Length
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#### 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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