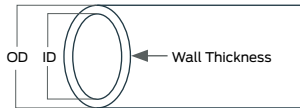




SharkBite™ PEX-c Oxygen Barrier PEX Tubing

Used for radiant in-floor and hydronic heating applications. Oxygen barrier helps prevent the corrosion of ferrous metal parts in the heating system. (Only available in orange.)

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.)
3/8"	0.500 ± 0.003	0.070 + 0.010	0.350	0.041	0.005
1/2"	0.625 ± 0.004	0.070 + 0.010	0.475	0.053	0.009
5/8"	0.75 ± 0.004	0.083 + 0.010	0.574	0.076	0.013
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

Non-potable radiant & hydronic heating, direct burial, embedment in concrete, snow & ice melting, geothermal groundloops, turf conditioning.

Materials

Cross-Linked Polyethylene / PEX-c / Electron Beam Method

Materials Designation Code - PEX 3006

(3) Chlorine Resistance	Rated to recirculate hot water at 50% at 140°F (40°C) & 50% at 73°F (23°C)
(0) UV Resistance	No 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

NSF/ANSI/CAN 61, NSF/ANSI 14 (PEX 5306), ASTM F876, ASTM F877, CSA B137.5, ASTM E84, CAN/ULC S102.2, ASTM E119, CAN/ULC S101.



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Part number and description

Part #	PEX Tubing (Coil)
U8550100	3/8" 100' Coil
U8550300	3/8" 300' Coil
U8550500	3/8" 500' Coil
U8600100	1/2" 100' Coil
U8600300	1/2" 300' Coil
U8600500	1/2" 500' Coil
U86001000	1/2" 1000' Coil
U8650300	5/8" 300' Coil
U8700100	3/4" 100' Coil
U8700300	3/4" 300' Coil
U8700500	3/4" 500' Coil
U8800100	1" 100' Coil
U8800300	1" 300' Coil
U8800500	1" 500' Coil

Part #	PEX Tubing (Straight Length)
U860010	1/2" 10' Straight Length
U870020	3/4" 20' Straight Length
U880020	1" 20' Straight Length

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/oxygen-barrier-plex>

Product Submittal

Name	
Date	
Architect/Owner	
Contractor	
Tag	
Notes	

Rev 1.1 / 01-21-22
EN-US