



ZurnPEX® Non-Barrier Tubing and  
Multi-Purpose Fire Sprinkler Tubing Q\_P  
1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", and 2" Non-Barrier PEX  
Specification Sheet  
Tag \_\_\_\_\_

Dimensional Data: Inches and [mm] are subject to manufacturing tolerances and change without notice.



NSF to UL1821	Zurn Designation	Nom Size (CTS)	Avg O.D	Avg I.D	Min. Wall	Wt. Per 100 Ft.	Avg. Fluid Cap.
No	Q1P	1/4"	3/8"	0.225"	.062"	3.06 lbs	.0024 gal/ft
No	Q2P	3/8"	1/2"	0.350"	.062"	4.09 lbs	.0050 gal/ft
No	Q3P	1/2"	5/8"	0.475"	.062"	5.40 lbs	.0092 gal/ft
No	Q4P	3/4"	7/8"	0.671"	.097"	10.20 lbs	.0184 gal/ft
Yes/WhiteOnly	Q5P	1"	1-1/2"	0.862"	.125"	16.62 lbs	.0303 gal/ft
Yes/WhiteOnly	Q6P	1-1/4"	1-3/8"	1.054"	.153"	25.67 lbs	.0454 gal/ft
Yes/WhiteOnly	Q7P	1-1/2"	1-5/8"	1.249"	.18"	35.00 lbs	.0636 gal/ft
Yes/WhiteOnly	Q8P	2"	2-1/8"	1.629"	.236"	60.10 lbs.	.1080 gal/ft

**Engineering Specification**

Zurn PEX tubing is produced using the silane method of cross-linking. It is used in residential and commercial applications for cold water service, hot and cold potable water, fire protection, underground fluid distribution and water distribution to manifolds, hydronic coils, etc. It may also be used in radiant heating systems where there are no ferrous metal parts or ferrous metal parts are isolated from the tubing.

See the Zurn Pex Radiant Heating and Design Guide (ZPM02101) for additional information.

- PEX 5006 – Continuously circulating hot water plumbing loop at 140 °F
- 160 PSI @73°F
- 100 PSI @ 180°F
- 130 PSI @ 120°F (1" and larger only)
- 80 PSI @ 200°F

**Installation**

Please refer to the Zurn Pex Plumbing Installation Guide (ZPM07199), Zurn Pex Commercial Plumbing Installation Guide (ZPM10234) or the Zurn Pex Residential Fire Protection Guide (ZPM10233) for additional installation information.

**Listings**

- NSF 61 including Annex G
- NSF 14
- Uniform Plumbing Code
- ASTM F876/F877
- AWWA C904 (3/4" and larger)
- CSA B137.5
- UL1821 (White 1" and larger)
- For the following fitting systems:
  - ASTM F1807
  - ASTM F1865
  - ASTM 1960
  - ASTM F2080
  - ASTM F2098

**Warranty**

ZurnPex, Inc. offers a limited 25-year system warranty. Please see our Professional Installation Limited Warranty (ZPM10232) for complete warranty information.