



**Q\_P**

## ZURNPEX® NON-BARRIER TUBING AND MULTIPURPOSE FIRE SPRINKLER TUBING

### Engineering Specification:

Zurn PEX tubing is produced using the silane method of crosslinking. It is used in residential and commercial applications for 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 Zurn Pex Radiant Heating and Design Guide (ZPM02101) for additional information

### Standards Compliance

- NSF/ANSI/CAN 61
- NSF/ANSI 14
- Uniform Plumbing Code
- ASTM F876/877
- CSA B137.5
- AWWA C904 (1/2" - 2")
- UL 1821 (1" - 2" White Pipe)
- ICC-ES (3/8" - 2")
- ASTM E84 (1/2" - 2")
- CAN/ULC S102.2 (1/2" only)
- Certified for use with the following fitting standards:
  - ASTM F1807 Crimp for Brass Fittings
  - ASTM F1960 Cold Expansion Fittings
  - ASTM F2098 SS Clamp Fittings
  - ASTM F2159 Crimp for plastic CR Fittings
- PEX 5306 - Continuously circulating hot water plumbing loop at 140 °F. Six month UV rating.



### Features

Sizes: 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

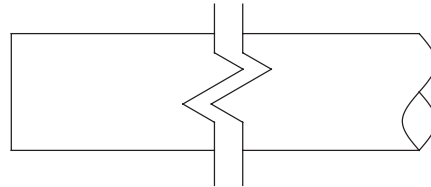
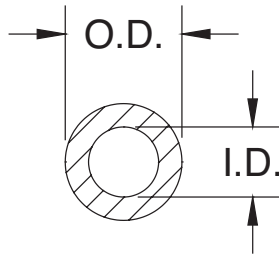
| RATED PRESSURE AND TEMPERATURE |           |     |     |  |
|--------------------------------|-----------|-----|-----|--|
|                                | ALL SIZES |     |     | UL Rating<br>(1" - 2" White Pipe only) |
| Pressure (PSI)                 | 160       | 100 | 80  | 130                                    |
| Temperature (°F)               | 73        | 180 | 200 | 120                                    |

### Installation

Please refer to:  
Zurn Pex Residential Plumbing Installation Guide ZMKTG370-04  
Zurn Pex Commercial Plumbing and Layout Guide ZMKTG370-60  
or for additional information  
Zurn Pex Residential Fire Protection Systems Guide ZMKTG370-059

### Warranty

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



Data is Subject to Manufacturing Tolerances and Change Without Notice

| Zurn Designation | DIMENSIONS in Inches (approximate) |           |           |           | Wt Per 100ft<br>lbs | Avg. Fluid Cap<br>Gal/ft |
|------------------|------------------------------------|-----------|-----------|-----------|---------------------|--------------------------|
|                  | Nom Size (CTS)                     | Avg. O.D. | Avg. I.D. | Min. Wall |                     |                          |
| Q1P              | 1/4                                | 3/8       | 0.225     | 0.062     | 3.06                | 0.0024                   |
| Q2P              | 3/8                                | 1/2       | 0.35      | 0.062     | 4.09                | 0.005                    |
| Q3P              | 1/2                                | 5/8       | 0.475     | 0.062     | 5.4                 | 0.0092                   |
| Q4P              | 3/4                                | 7/8       | 0.671     | 0.097     | 10.2                | 0.01843                  |
| Q5P              | 1                                  | 1-1/8     | 0.862     | 0.125     | 16.62               | 0.0303                   |
| Q6P              | 1-1/4                              | 1-3/8     | 1.054     | 0.153     | 25.67               | 0.0454                   |
| Q7P              | 1-1/2                              | 1-5/8     | 1.249     | 0.18      | 35                  | 0.0636                   |
| Q8P              | 2                                  | 2-1/8     | 1.629     | 0.236     | 60.1                | 0.108                    |