



# TECHNICAL BULLETIN

## Chlorine Designations

Our listing at NSF for Zurn PEX tube for plumbing applications has recently been revised to the PEX 5006 designation. This designation will be added to the print string on our tube.

In late 2008, ASTM F876 for PEX tube was revised to add additional requirements for different potable water plumbing applications. The applications are indicated by different material designation codes. The applications defined in the standard are described below.

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| PEX 0006 | Tube that has not been tested for chlorine resistance according to ASTM Test Method F2033 or it did not meet the minimum requirement for a traditional domestic plumbing system.  |
| PEX 1006 | Tube that has been tested according to F2023 and it has a minimum extrapolated time to failure of 50 years under service conditions of 25% of the time at 140° F and 75% of the time at 73° F. This is commonly called a Traditional Domestic application.  |
| PEX 3006 | Tube that has been tested according to F2023 and it has a minimum extrapolated time to failure of 50 years under service conditions of 50% of the time at 140° F and 50% of the time at 73° F. This could be for a circulating system that is on a timer and circulates for less than 12 hours a day. |
| PEX 5006 | Tube that has been tested according to F2023 and it has a minimum extrapolated time to failure of 50 years under the condition of 100% of the time at 140° F. This is generally a continuously circulating hot water plumbing loop.   |

### Zurn Plumbing Products Group

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