



PLUMBING SYSTEMS

## 1/2" PRE-SLEEVED WIRSBO AQUAPEX® TUBING

CUT SHEET

### 1/2" Pre-sleeved Wirsbo AQUAPEX® Tubing

Uponor has added red and blue high-density polyethylene (HDPE) corrugated sleeves to 1/2" Wirsbo AQUAPEX® tubing. The pre-sleeved tubing offers convenience because if there's ever any issue with the buried tubing, the installer can replace it easily without having to break up the slab or soil.

Installers simply disconnect the tubing at the manifold and fixture, or at each end, pull it through the sleeve and install the new tubing

through the sleeve. They're ideal for reducing installation time, particularly in concrete applications. Besides ease of use, the sleeves provide protection from rough worksite conditions during installation.

Available in 400-foot coils, the sleeves also help differentiate between hot and cold water lines and are especially useful for in-slab applications in high-rise buildings.

#### Features and Benefits

- Wall thickness of 0.3mm
- 25mm outside diameter (o.d.)
- 20mm inside diameter (i.d.)
- ASTM E119 listed by UL
- High-impact strength of 250g, 1m at 32°F
- High-compression strength of 200 N
- Available in 400-foot coils
- Working temperature for corrugated sleeving -2.2°F to 194°F
- Durable polyethylene sleeving provides additional protection for the tubing during installation
- Red and blue color-coded sleeves allow for easy identification of hot and cold water lines
- Fast and simple installation saves time and money

#### 1/2" Pre-sleeved Wirsbo AQUAPEX tubing...

**Carries the following hydrostatic temperature and pressure ratings:**

- 200°F at 80 psi
- 180°F at 100 psi
- 73.4°F at 160 psi

**Is manufactured to the following standards:**

- ASTM F876
- ASTM F877
- ASTM F2023
- ANSI/NSF Standard 14
- ANSI/NSF Standard 61

**Has the following listings:**

- IAPMO
- CSA
- HUD
- UL
- NSF
- ITS

**Fire-rated assemblies:**

- K913 — One- to two-hour concrete floor/ceiling assembly
- L557 — One-hour wood frame floor/ceiling assembly
- U372 — One-hour wood frame wall assembly
- V444 — One-hour steel stud wall assembly

**Warnock Hersey Listed:**

- 25 flame spread/50 smoke developed (plenum rated) to ASTM E84 when insulated with 1/2" fiberglass insulation

**Is approved in the following codes:**

- IPC
- UPC
- NSPC

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