

uponor

PLUMBING SYSTEMS

%" PRE-SLEEVED
WIRSBO AQUAPEX® TUBING

FAQs

½" Pre-sleeved Wirsbo AQUAPEX® Tubing FAQs

What is Pre-sleeved Wirsbo AQUAPEX® tubing?

Uponor added high-density (HDPE) corrugated sleeves to its ½" Wirsbo AQUAPEX® tubing for use in hot and cold water distribution systems. The sleeve provides protection for installations in concrete slabs or soil, and allows for removal and replacement of the tubing if required. Our pre-sleeved tubing is cost-effective, easy to install and an ideal tubing solution for commercial high-rise and residential slab rollout applications.

Where do you use pre-sleeved tubing?

Pre-sleeved Wirsbo AQUAPEX tubing is used in commercial high-rise and residential slab rollout applications (in-slab, below-slab and out-slab).

What are the lengths and sizes available?

Uponor offers ½" Pre-sleeved Wirsbo AQUAPEX tubing in 400-foot coils.

Why do the sleeves come in red or blue?

The red and blue sleeves differentiate between hot and cold water lines.

How do you fasten pre-sleeved tubing when it's Installed in an in-slab application?

To fasten Pre-sleeved Wirsbo AQUAPEX tubing to the rebar, secure with wire or zip ties. Take care not to crush the corrugated sleeves.

What is the pre-sleeve's bend radius?

Pre-sleeved Wirsbo AQUAPEX tubing is eight times the radius.

How do you remove the tubing if there is an issue?

The pre-sleeved tubing offers convenience because if there's ever any issue with the tubing buried in the slab or soil, the installer can replace it easily without having to disturb the slab or soil. Simply disconnect the tubing at the manifold and fixture, pull it through the sleeve and then install the new tubing through the sleeve.

Does the sleeve provide UV protection?

Yes, the ½" Pre-sleeved Wirsbo AQUAPEX tubing limits UV exposure at the jobsite. However, as with all plastic tubing, you should never expose or store it in direct sunlight for more than 30 days.

Is Pre-sleeved Wirsbo AQUAPEX tubing chemically resistant to termiticides and pesticides?

Yes, the high-density polyethylene (HDPE) corrugated sleeve provides excellent chemical resistance. However, ensure that the tubing does not lay in a puddle of termiticides or pesticides.

Does Pre-sleeved Wirsbo AQUAPEX tubing carry the same warranty as the regular Wirsbo AQUAPEX tubing?

Wirsbo AQUAPEX tubing carries a 25-year limited warranty when installed by an Uponor-trained installer. The sleeves carry a one-year warranty.

What are the temperature and pressure ratings for Pre-sleeved Wirsbo AQUAPEX tubing?

Uponor's Pre-sleeved Wirsbo AQUAPEX tubing carries the same hydrostatic temperature and pressure ratings as Wirsbo AQUAPEX tubing:

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

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Does Pre-sleeved Wirsbo AQUAPEX tubing have a fire rating?

Yes, the UL K913 concrete floor/ceiling listing allows the use of flexible polyethylene sleeves with ½" to 2" PEX for a one- to two-hour fire-resistive assembly listing.

Are there specific code requirements when using corrugated sleeves?

Typically, the tubing inside the sleeve is required to meet the codes. The model codes do not address the sleeving of PEX. To ensure you meet any local building codes regarding corrugated sleeves, confirm with your local officials before installing.

What are the standards, listings and codes for Pre-sleeved Wirsbo AQUAPEX tubing?

Uponor's ½" Pre-sleeved Wirsbo AQUAPEX tubing is manufactured to the following standards:

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

Uponor's ½" Pre-sleeved Wirsbo AQUAPEX tubing has the following listings:

· IAPMO · HUD · UL · CSA · NSF · ITS

Uponor's ½" Pre-sleeved Wirsbo AQUAPEX tubing has the following fire ratings:

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

Uponor's ½" Pre-sleeved Wirsbo AQUAPEX tubing is approved in the following codes:

• IPC • UPC • NSPC



Tel: (800) 321-4739 Fax: (952) 891-1409

Web: www.uponor-usa.com
E-mail: learnmore@uponor-usa.com

