

PEX Oxygen Barrier Tubing

Specification Sheet

Overview

BOW's OXYPEX™ tubing is designed specifically for hydronic heating and hydronic radiant closed loop heating applications. OXYPEX™ tubing can also be used in snow melting applications.

This tubing has an oxygen outer barrier liner which makes it ideal for hydronic and radiant floor heating applications. The function of the outer liner is to limit the oxygen permeation rate through the pipe wall. The tubing complies with DIN 4726 for oxygen permeation.

OXYPEX™ tubing is made to CTS (Copper Tube Size) outside dimensions and an SDR (Standard Dimension Ratio) of 9 and is available in nominal sizes 3/8", 1/2", 5/8", 3/4" and 1". It is available in coils up to 1,200' feet long, which are foot marked.

Technical Data

Material:

Cross-Linked polyethylene, PEX Silane Method (PEX b), PEX 5106, EVOH Oxygen Barrier

Continuous Working Pressure:

690 kPa (100 PSI) @ 82°C (180° F)

1100 kPa (160 PSI) @ 23°C (73° F)

Standards

ASTM F876; ASTM F877; CSA B137.5; DIN 4726

Compatible fittings:

ASTM F1807; ASTM F2159

Listings

Listed holder: Bow Plumbing Group Inc.

NSF 14; NSF 61; cNSF@us-pw; cNSF@us-rfh; CSA B137.5; ASTM F876; ASTM F877

The tubing also has listings with:

- ULC to CAN/ULC S101, design #'s M516, J900, W316 and W458

-UL to UL 263, design #'s K917, L588, U383 and V461

- *NSF to CAN/ULC S102.2

- *NSF to ASTM E84

*For detailed information, please refer to:

<https://info.nsf.org/certified/plumbing>



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