



Specifications Sheet

Oxypex PEX oxygen barrier tubing

Overview

BOW OXYPEX tubing is designed specifically for hydronic heating and hydronic radiant closed loop heating 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. Oxypex tubing can also be used in snow melting applications. This tubing complies with DIN 4726 as endorsed by the Hydronics Institute. Oxypex is made to CTS (Copper Tube Size) outside dimensions and an SDR (Standard Dimension Ratio) of 9 and is available in the following nominal sizes: 3/8", 1/2", 5/8" 3/4" and 1". It is available in coils up to 1200' long which are "footmarked".

Technical Data

Material:

Cross-Linked polyethylene, PEX Silane Method, EVOH Oxygen Barrier

Continuous working pressure:

690 kPa (100 PSI) @ 82°C (180° F)
1105 kPa (160 PSI) @ 23°C (73° F)

Standards

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

Compatible fittings:

ASTM F1807; ASTM F2159

Listings

NSF 14; NSF 61; cNSFus-pw; CSA B137.5;
ASTM F876; ASTM F877

Warnock Hersey to CAN/ULC S102.2-2010
with and without rated insulation

Warnock Hersey to ASTM E84 - 2013a
with rated insulation

See whdirectory.intertek.com for listing details.

