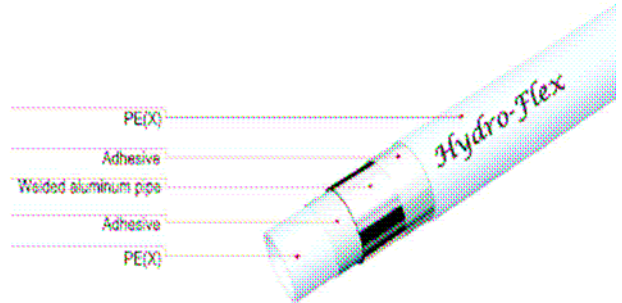


# **Hydro-Flex PEX-AL-PEX**

## **Specification Sheet**

**Engineering Specification:**

Tubing shall be a 5-layer barrier PEX tubing approved for radiant heating and plumbing applications. Tubing shall consist of an inner and outer layer of cross-linked polyethylene bonded to a center layer of overlapped and welded aluminum. Tubing shall be manufactured by using the silane method of cross-linking and



meet the performance and dimensional standards of ASTM F1281 and CSA B137.10. Tubing shall be listed to NSF 14/61 as suitable for radiant floor heating and potable water applications.

Tubing must be certified to meet the Uniform Plumbing Code, as approved by the International Association of Plumbing and Mechanical Officials (IAPMO) Service. Tubing must be manufactured to design temperature and pressure ratings of 200 psi @ 73<sup>0</sup>F, 125 psi @ 180<sup>0</sup> F and 100 psi @ 200<sup>0</sup>F.

**Hydro-Flex Tubing Specifications, ASTM F-1281**

<b>Coil Dimensions</b>	<b>Nominal I.D. Inches</b>	<b>Nominal O.D. Inches</b>	<b>Minimum Bend Radius Inches</b>	<b>Coil/Straight Lengths Feet</b>
1/2"	0.47	0.63	3.2	20/250/300/100
5/8"	0.63	0.79	4.0	450/1000
3/4"	0.79	0.98	5.5	20/100/500
1"	0.98	1.26	6.5	20/100/300/500