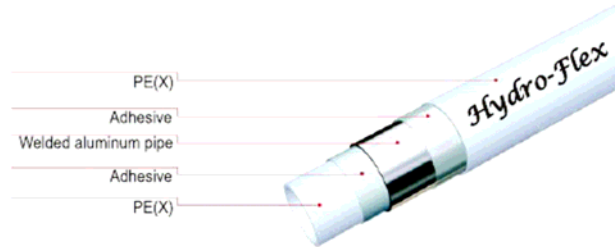




# Hydro-Flex PEX-AL-PEX Specification Sheet

## Engineering Specification:

Tubing shall be a 5-layer barrier PEX tubing approved for radiant heating and potable water 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.

## Applications:

Hydro-Flex PEX-AL-PEX is designed for use in potable water systems, radiant heating systems, or anywhere water distribution is needed such as piping to manifolds or hydronic coils. Hydro-Flex PEX-AL-PEX must be installed in accordance with the Hydro-Flex PEX-AL-PEX Installation Guide, and when installed as a radiant heating system in accordance with the Radiant Panel Associations Guidelines. Always follow applicable local and state plumbing codes.

## Hydro-Flex PEX-AL-PEX Tubing Specifications, ASTM F1281

Coil Dimensions	Nominal I.D. Inches	Nominal O.D. Inches	Minimum Bend Radius Inches	Coil/Straight Lengths Feet
3/8"	0.40	0.47	2.8	200
1/2"	0.47	0.63	3.2	20/100/250/300/1000
5/8"	0.63	0.79	4.0	450/1000
3/4"	0.79	0.98	5.5	20/100/300/500
1"	0.98	1.26	6.5	20/100/300/500

Hydro-PEX Systems reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modification on Hydro-PEX products previously or subsequently sold.