

# LEGEND Flex™ Highly flexible PEX heating tube with oxygen barrier

Manufactured from a proprietary polymer formulation which dramatically increases flexibility and maintains high strength.

**Available in 3/8", 1/2", 5/8", 3/4" and 1"** tube sizes. LegendFlex™ delivers greater performance and flexibility than standard PEX. We are so confident in its performance we back it with a 30 year warranty.

LegendFlex is extremely flexible and very difficult to kink. In the unlikely event one should occur, simply repair it with a heat gun. No need to cut and use a coupling or replace the tubing.

LegendFlex tubing is also compatible with cold expansion type fitting systems (compliant with standards ASTM F2080 & ASTM F1960). Its strength, durability and thermal memory enables proper seal with crimp or expansion style connections.

## Residential, commercial and industrial applications include:

- Radiant Heating and Cooling
- Snow & Ice Melt
- GeoThermal
- Turf Conditioning

PROPERTY:	VALUE:
Density	58.6 lb/ft <sup>3</sup>
Thermal conductivity	0.22 Btu ft/h ft <sup>2</sup> °F
Coefficient of linear expansion	1.2 in. per 100 ft. per 10 °F
Modulus of elasticity	78,300 psi
Oxygen permeation	< 0.1 grams/m <sup>3</sup> /day
Bend radius	< 5x tubing outside diameter

Meets the requirements of ASTM F876 and F877



The externally-extruded EVOH oxygen barrier reduces oxygen molecule permeation into the water. Compliant with standard DIN4726 (<0.1 grams/m<sup>3</sup>/day)

## Heating Tube

**LegendFlex™ heating tube** – Highly flexible PEX with oxygen barrier. Provides excellent flexibility and thermal memory for easy installation.



Size	Description	Weight (lbs)	Capacity (size –gal./ft.)	Item Number
3/8"	PEX TUBING WITH OXYGEN BARRIER - 500 FEET	20	<b>3/8"</b> – 0.0051	850-125
3/8"	PEX TUBING WITH OXYGEN BARRIER - 1000 FEET	40		850-129
1/2"	PEX TUBING WITH OXYGEN BARRIER - 300 FEET	15	<b>1/2"</b> – 0.0096	850-133
1/2"	PEX TUBING WITH OXYGEN BARRIER - 500 FEET	25		850-135
1/2"	PEX TUBING WITH OXYGEN BARRIER - 1000 FEET	50		850-139
5/8"	PEX TUBING WITH OXYGEN BARRIER - 400 FEET	28	<b>5/8"</b> – 0.0138	850-144
5/8"	PEX TUBING WITH OXYGEN BARRIER - 1000 FEET	70		850-149
3/4"	PEX TUBING WITH OXYGEN BARRIER - 100 FEET	10	<b>3/4"</b> – 0.0189	850-151
3/4"	PEX TUBING WITH OXYGEN BARRIER - 500 FEET	50		850-155
3/4"	PEX TUBING WITH OXYGEN BARRIER - 1000 FEET	100		850-159
1"	PEX TUBING WITH OXYGEN BARRIER - 100 FEET	16	<b>1"</b> – 0.0312	850-161
1"	PEX TUBING WITH OXYGEN BARRIER - 500 FEET	80		850-165

\*NOTE: 3/8" and 1" available November 1, 2011



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