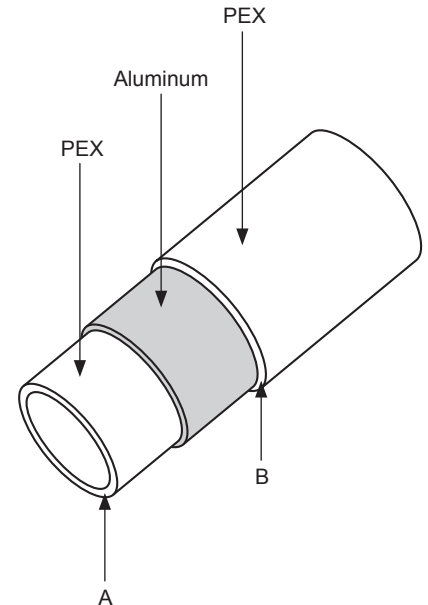


# Uponor MLC Aluminum PEX Tubing

## Technical Data

Material:	PEX, Aluminum
Tubing Roughness:	2.76E-4"
Thermal Conductivity:	0.23 BTU/h/ft/°F
Thermal Expansion Coefficient:	1.38E-5/°F
Operating Temperature (Maximum Long Term):	203 °F (93°C)
Operating Temperature (Maximum Short Term):	203 °F (110°C)
Operating Pressure *Maximum Long term):	145 psi
Linear Expansion Rate:	0.3"/18°F (8°C)/100'
Standard Grade Hydrostatic Ratings:	200°F (93°C) at 100 psi 140°F (60°C) at 160 psi 73°F (23°C) at 200 psi



## Product Information and Application Use

Multi-layer composite (MLC) tubing consists of interior aluminum tubing lined with inner and outer layers of PEX. MLC tubing offers 100% oxygen diffusion. The stay-in-place rigid feature of the tubing works great for hydronic baseboard, radiators, unit heaters, air handlers or manifold connections.

**Note:** MLC tubing is used in hydronic heating and cooling installations only.

Description	Part Number	A	B	Minimum Bend Radius	Weight
1/2" MLC Tubing, 300 ft. Coil	D1250500	0.490"	0.636"	3.20"	22.0 lbs.
1/2" MLC Tubing, 1000 ft. Coil	D1220500	0.490"	0.636"	3.20"	75.0 lbs.
5/8" MLC Tubing, 300 ft. Coil	D1250625	0.627"	0.793"	4.00"	33.0 lbs.
5/8" MLC Tubing, 1000 ft. Coil	D1220625	0.627"	0.793"	4.00"	110.0 lbs.
3/4" MLC Tubing, 100 ft. Coil	D1140750	0.792"	0.990"	5.00"	17.0 lbs.
3/4" MLC Tubing, 300 ft. Coil	D1250750	0.792"	0.990"	5.00"	51.0 lbs.
3/4" MLC Tubing, 500 ft. Coil	D1240750	0.792"	0.990"	5.00"	85.0 lbs.
1" MLC Tubing, 100 ft. Coil	D1141000	1.014"	0.266"	6.00"	29.0 lbs.
1" MLC Tubing, 300 ft. Coil	D1251000	1.014"	0.266"	6.00"	87.0 lbs.

