ML TUBING

High performance Polyimide sleeving provides excellent mechanical, electrical, chemical, and thermal properties. The very thin wall thicknesses and very small inside diameters possible with this tubing make it ideal for miniature electronic applications and medical applications. The material meets USP Class VI requirements, and has been approved for diverse medical device applications.

Dimensional data. Dimensions are nominal. Stanard tolerances are +/. 0.00025" on wall thickness of 0.001" and greater and + 0.00025" – zero on wall thickness less than 0.001". Tighter tolerances are available on request.

SIZE	Inside Diameter **Inches**	Wall Grade I	Wall Grade II	SIZE	Inside Diameter **Inches**	Wall Grade I	Wall Grade II
830	0.0830	0.0015	0.0020	**300**	0.0300	0.0010	0.0020
790	0.0790	0.0015	0.0020	**295**	0.0295	0.0010	0.0020
770	0.0770	0.0015	0.0020	**285**	0.0285	0.0010	0.0020
745	0.0745	0.0015	0.0020	**275**	0.0275	0.0010	0.0020
720	0.0720	0.0015	0.0020	**265**	0.0265	0.0010	0.0020
710	0.0710	0.0015	0.0020	**260**	0.0260	0.0010	0.0020
690	0.0690	0.0015	0.0020	**250**	0.0250	0.0010	0.0020
660	0.0660	0.0015	0.0020	**245**	0.0245	0.0010	0.0020
630	0.0063	0.0015	0.0020	**235**	0.0235	0.0010	0.0020
610	0.0610	0.0015	0.0020	**220**	0.0220	0.0010	0.0020
600	0.0600	0.0015	0.0020	**215**	0.0215	0.0010	0.0020
580	0.0580	0.0015	0.0020	**210**	0.0210	0.0010	0.0020
575	0.0575	0.0015	0.0020	**190**	0.0195	0.0010	0.0020
560	0.0560	0.0015	0.0020	**185**	0.0185	0.0010	0.0020
530	0.0530	0.0015	0.0020	**175**	0.0175	0.0010	0.0020
520	0.0520	0.0015	0.0020	**165**	0.0165	0.0010	0.0020
510	0.0510	0.0010	0.0020	**160**	0.0160	0.0010	0.0020
500	0.0500	0.0010	0.0020	**155**	0.0155	0.0010	0.0020
490	0.0490	0.0010	0.0020	**150**	0.0150	0.0010	0.0020
480	0.0480	0.0010	0.0020	**145**	0.0145	0.0010	0.0020
450	0.0450	0.0010	0.0020	**135**	0.0135	0.0010	0.0020
445	0.0445	0.0010	0.0020	**130**	0.0130	0.0010	0.0020
430	0.0430	0.0010	0.0020	**125**	0.0125	0.0010	0.0020
420	0.0420	0.0010	0.0020	**120**	0.0120	0.0010	0.0020
410	0.0410	0.0010	0.0020	**110**	0.0110	0.0010	0.0020
400	0.0400	0.0010	0.0020	**100**	0.0100	0.0010	0.0020
395	0.0395	0.0010	0.0020	**095**	0.0098	0.0010	0.0020
390	0.0390	0.0010	0.0020	**087**	0.0087	0.00075	0.0015
370	0.0370	0.0010	0.0020	**080**	0.0080	0.00075	0.0015
360	0.0360	0.0010	0.0020	**075**	0.0078	0.00075	0.0015
350	0.0350	0.0010	0.0020	**068**	0.0069	0.00075	0.0015
340	0.0340	0.0010	0.0020	**061**	.00061	0.00075	0.0015
335	0.0335	0.0010	0.0020	**054**	0.0055	0.00075	0.0015
325	0.0325	0.0010	0.0020	**049**	0.0049	0.00075	0.0015
320	0.0320	0.0010	0.0020	**044**	0.0044	0.0005	0.0010
310	0.0310	0.0010	0.0020	**039**	0.0039	0.0005	0.0010

Properties

Dielectric Strenght:

4000volts/Mil min.

Thermal Rating (@2000 hours):

220°C Minimum

Thermal Endurance:

400°C Minimum

Tensile Strength:

20,000 PSI Min.

Coefficient of Friction:

0.5

Chemical Resistance:

Excellent, most solvents/solutions

Radiation Resistance:

3.0×10^9 Gamma Dose rd

225 E. Gardena Blvd., Gardena, CA 90248
(310) 323 - 7131 (310) 323 - 1951 [fax]
www.rdswire.com E-mail: Sales@rdswire.com