



**Vulcanized Fiber Cores (Fish Paper)**

Bulletin #P-8

- Tubing of vulcanized fiber is produced by spiral or convolute winding. Using compatible adhesives for bonding, vulcanized fiber products are durable and offer excellent tear resistance, bonding surface, electrical insulation, impact strength and burst qualities.
- Vulcanized fiber has been called the world’s oldest plastic. Electrical arc-quenching characteristics make it an excellent choice for fuse bodies. Used alone or in combination with other substrates it offers a low cost alternative to materials now being used as fuse bodies.
- Vulcanized fiber tubing is available in the following sizes:

Vulcanized Fiber tubing is available in the following sizes:		<u>Properties</u>	<u>Data</u>
		Color	Blue or Grey
<u>Rectangular, Square</u> .130” sq. to 10.000” sq. .056” x .317” to 10.012” x 11.571”  <b>Wall Thickness:</b> <u>Rectangular, Square</u> .010” to .125”  <b>Length:</b> <u>Rectangular, Square</u> .250” to 120” (10’) <i>(tolerances +/- .125 for            stick length)</i> <i>(+/- .031 cut to length)</i>	<u>Round</u> .127” to 12.250” ID  <u>Round</u> .006” to .125”  <u>Round</u> .250” to 216” (18’) <i>(tolerances +/- .250 for            stick length)</i> <i>(+/- .015 cut to length)</i>	Burst strength	ASTM D1180
		Minimum	1998 psi
		Average	2310 psi
		Plug diameter	0.279”
		Water absorption	-
		Maximum	2 hours 55%
		Arc resistance	ASTM D495
		Minimum	75 seconds
		Oxygen index	ASTM D2863
		Minimum	25% oxygen
		Flame resistance	Hot wire ignition 2 minutes UL 94HB File #E53713
		Recognition	UL guide QMMY2, QMTS2
		UL temperature	UL 7466B
		Index electrical	115°C
		Index mechanical	110°C
Mil Spec	Meets and exceeds requirements F1148A and I695		

- For more critical tolerances and information please inquire

**\*All testing based on .375” OD/.040” wall tubing**

Paramount Tube  
 1430 Progress Rd  
 Fort Wayne, IN 46808  
 800-887-1475  
 Web: [www.ppgintl.com](http://www.ppgintl.com)  
 Email: [sales@ppgintl.com](mailto:sales@ppgintl.com)

Note: This material property information is the best currently available on the subject. The data should be viewed as a general guide to tube and material properties, not a performance guarantee. The customer should examine the suitability of the finished product for individual applications.