



**Alpha Wire Company**

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**Product Specification: FIT - 500**

**Date Issued: 04/04/00**

**Product Description:** TFE PTFE Heat Shrinkable Tubing, MIL-I-23053/12B, Class 3.

**Note:** All dimensions are in inches unless otherwise specified.

**Construction Requirements**

**Physical Properties:**

Operating Temperature Range	-65°C to 260°C
Shrinkage Ratio	Approximately 1.5:1 at 327°C
Dimensions	Shall Conform To Table 1
Tensile Strength	6000 psi
Elongation	600%
Longitudinal Shrinkage	+0, -10%
Specific Gravity	2.24

**Chemical:**

Copper Corrosion	None
Flammability	Self-Extinguishing, does not support combustion
Water Absorption (7 Days at 25°C)	0.01%
Fungus Resistance	Does not support growth ASTM G21

**Electrical:**

Dielectric Strength (Volts/mil) 2,000

**Table 1**

<b><u>Part Number</u></b>	<b><u>Minimum Supplied I.D.</u></b>	<b><u>Maximum Recovered I.D.</u></b>	<b><u>Nominal Recovered Wall Thickness</u></b>
FIT-500-30	0.034	0.015	0.009
FIT-500-28	0.038	0.018	0.009
FIT-500-26	0.046	0.022	0.009
FIT-500-24	0.050	0.027	0.010
FIT-500-22	0.055	0.032	0.010
FIT-500-20	0.060	0.039	0.012
FIT-500-18	0.076	0.049	0.012
FIT-500-16	0.093	0.061	0.012
FIT-500-14	0.120	0.072	0.012
FIT-500-12	0.150	0.089	0.012
FIT-500-10	0.191	0.112	0.012
FIT-500-8	0.240	0.141	0.015
FIT-500-6	0.302	0.178	0.015
FIT-500-4	0.370	0.224	0.015
FIT-500-2	0.430	0.278	0.015
FIT-500-0	0.470	0.347	0.015