



**Alpha Wire Company**

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**Product Specification: TFT-200**

**Date Issued: 11/29/99**

Revised: 12/1/2003

**Product Description:** Non-Shrinkable thin wall PTFE tubing.

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

**Construction Requirements**

**Physical Properties:**

Operating Temperature Range	-65°C to 260°C
Dimensions	Shall Conform To Table 1
Tensile Strength	3000 psi
Elongation	500%
Specific Gravity	2.15

**Chemical Properties:**

Corrosive Effect	Non-Corrosive
Flammability	Self-extinguishing, VW-1
Fungus Resistance	Does not support growth
Water Absorption	0%

**Electrical Properties:**

Dielectric Strength	800 Volts/mil
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**Availability:**

Standard Put-Ups	See Table 2
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**Table 1**

<u>PART NUMBER</u>	<u>NOMINAL</u>	<u>INSIDE DIAMETER</u>		<u>NOMINAL</u>	<u>WALL THICKNESS</u>	
		<u>MINIMUM</u>	<u>MAXIMUM</u>		<u>MINIMUM</u>	<u>MAXIMUM</u>
TFT-200-30	0.012	0.010	0.015	0.009	0.007	0.011
TFT-200-28	0.015	0.013	0.019	0.009	0.007	0.011
TFT-200-26	0.018	0.016	0.022	0.009	0.007	0.011
TFT-200-24	0.022	0.020	0.027	0.010	0.007	0.013
TFT-200-22	0.028	0.025	0.032	0.010	0.007	0.013
TFT-200-20	0.034	0.032	0.040	0.012	0.009	0.015
TFT-200-19	0.038	0.036	0.044	0.012	0.009	0.015
TFT-200-18	0.042	0.040	0.049	0.012	0.009	0.015
TFT-200-17	0.047	0.045	0.054	0.012	0.009	0.015
TFT-200-16	0.053	0.051	0.061	0.012	0.009	0.015
TFT-200-15	0.059	0.057	0.067	0.012	0.009	0.015
TFT-200-14	0.066	0.064	0.074	0.012	0.009	0.015
TFT-200-13	0.076	0.072	0.082	0.012	0.009	0.015

TABLE 1 (CON'T)

<u>PART NUMBER</u>	<u>INSIDE DIAMETER</u>			<u>WALL THICKNESS</u>		
	<u>NOMINAL</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>NOMINAL</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>
TFT-200-12	0.085	0.081	0.091	0.012	0.009	0.015
TFT-200-11	0.095	0.091	0.101	0.012	0.009	0.015
TFT-200-10	0.106	0.102	0.112	0.012	0.009	0.015
TFT-200-9	0.118	0.114	0.124	0.015	0.012	0.018
TFT-200-8	0.133	0.129	0.141	0.015	0.012	0.018
TFT-200-7	0.148	0.144	0.158	0.015	0.012	0.018
TFT-200-6	0.166	0.162	0.178	0.015	0.012	0.018
TFT-200-5	0.186	0.182	0.198	0.015	0.012	0.018
TFT-200-4	0.208	0.204	0.224	0.015	0.012	0.018
TFT-200-3	0.234	0.229	0.249	0.015	0.012	0.018
TFT-200-2	0.263	0.258	0.278	0.015	0.012	0.018
TFT-200-1	0.294	0.289	0.311	0.015	0.012	0.018
TFT-200-0	0.330	0.325	0.347	0.015	0.012	0.018

**Table 2**

<b><u>Alpha Part Number</u></b>	<b><u>Standard Put-Ups (Feet)</u></b>
TFT-200-30	100, 500, 1000
TFT-200-28	100, 500, 1000
TFT-200-26	100, 500, 1000
TFT-200-24	100, 500, 1000
TFT-200-22	100, 500, 1000
TFT-200-20	100, 500, 1000
TFT-200-19	100, 500, 1000
TFT-200-18	100, 500, 1000
TFT-200-17	100, 1000
TFT-200-16	100, 500
TFT-200-15	100, 500
TFT-200-14	100, 500
TFT-200-13	100
TFT-200-12	100, 500
TFT-200-11	100, 500
TFT-200-10	100, 500
TFT-200-9	100, 500
TFT-200-8	100
TFT-200-7	100
TFT-200-6	100
TFT-200-5	100
TFT-200-4	100
TFT-200-3	100
TFT-200-2	100
TFT-200-1	100
TFT-200-0	100