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# Customer Specification

## PART NO. TFT-200-0

### ProductConstruction

1) Tubing Type	Tubing Non Shrinkable
2) Tubing Material	PTFE
3) Minimum ID(In)	0.325
4) Maximum ID(In)	0.342
5) Nominal Wall Thickness(In)	0.015
6) Color(s)	NATURAL

### ProductIndustryApprovals

1) Other	ASTM D3295-81a Type I Class B	
	AMS 3655	

### ProductEnvironmental

1) EU Directive 2011/65/EU(RoHS2):	All materials used in the manufacture of this part are in compliance with European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for RoHS C of C.
2) REACH Regulation (EC 1907/2006):	This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. For up-to-date information, please see Alpha's REACH SVHC Declaration.
3) California Proposition 65:	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.

### ProductProperties

Physical & Mechanical Properties		
1) Temperature Range	-75 to 260°C	
2) Tensile Strength	3000psi, Min	ASTM D638
3) Elongation	200%, Min	ASTM D638
4) Specific Gravity	2.18, Max	ASTM D792
Electrical Properties		
1) Dielectric Strength	1400 V/mil, Min	ASTM D876
2) Volume Resistivity	$1 \times 10^{18}$ ohm-cm, Min	ASTM D876
3) Dielectric Constant	2.1	IEC 250
Chemical Properties		
1) Water Absorption	0.01%, Max	ASTM D570
2) Corrosion(0°C,16hrs)	no corrosion	AMS-DTL-23053
3) Fungus Resistance	Pass	AMS-DTL-23053
4) Halogen Free	No	
5) Lead Free	Yes	

## ProductOther

Packaging
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[www.alphawire.com](http://www.alphawire.com)

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