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□□□ TFT-250-18

## Construction

1) Tubing Type	Tubing Non Shrinkable
2) Tubing Material	PTFE
3) Minimum ID(In)	0.040
4) Maximum ID(In)	0.049
5) Nominal Wall Thickness(In)	0.016
6) Color(s)	NATURAL

## Applicable Specifications

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## Environmental

1) EU Directive 2011/65/EU(RoHS2), EU Directive 2015/863/EU (RoHS3):	
	All materials used in the manufacture of this part are in compliance with European Directive 2011/65/EU and the amending Directive 2015/863/EU of 4 June 2015 regarding the restriction of use of certain hazardous substances in electrical and electronic equipment.
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.
3) California Proposition 65:	This product may contain substances known to the State of California to cause Cancer or Reproductive Harm. See the product packaging for specific information.

Properties

Physical & Mechanical Properties		
1) Temperature Range	-75 to 260°C	
2) Tensile Strength	2000psi, Min	ASTM D638
3) Elongation	200%, Min	ASTM D638
4) Specific Gravity	2.20, Max	ASTM D792
Electrical Properties		
1) Dielectric Strength	800 V/mil, Min	ASTM D876
2) Volume Resistivity	1x10 <sup>18</sup> 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	

Other

Packaging	
1) 1000 FT	CR6-4.1: 6.5 x 4.25 x 3.25 Max. 4 pieces/Min length 15 FT.

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

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TFT-250-18□□□RoHS□□□□ 2004/10/1 □□□□□□

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Lead	□□□□□□□□□□0.1% (1000 ppm)
Mercury	□□□□□□□□□□0.1% (1000 ppm)
Cadmium	□□□□□□□□□□0.01% (100 ppm)
Hexavalent Chromium	□□□□□□□□□□0.1% (1000 ppm)
Polybrominated Biphenyls (PBB)	□□□□□□□□□□0.1% (1000 ppm)
Polybrominated Diphenyl Ethers (PBDE), Including Deca-BDE	□□□□□□□□□□0.1% (1000 ppm)
Bis(2-ethylhexyl) phthalate (DEHP)	□□□□□□□□□□0.1% (1000 ppm)
Butyl benzyl phthalate (BBP)	□□□□□□□□□□0.1% (1000 ppm)
Dibutyl phthalate (DBP)	□□□□□□□□□□0.1% (1000 ppm)
Diisobutyl phthalate (DIBP)	□□□□□□□□□□0.1% (1000 ppm)

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