

Customer Specification

PART NO. TFT-200-28

Construction

1) Tubing Type	Tubing Non Shrinkable
2) Tubing Material	PTFE
3) Minimum ID(In)	0.013
4) Maximum ID(In)	0.018
5) Nominal Wall Thickness(In)	0.009
6) Color(s)	NATURAL

Applicable Specifications

--

Environmental

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.

Properties

--

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	1x10 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	

Other

Packaging
1000 FT, 500 FT, 100 FT

www.alphawire.com

Alpha Wire
2200 US Highway 27 South
Richmond, IN 47374

Tel: 1-800-52 ALPHA

Although Alpha Wire ("Alpha") makes every reasonable effort to ensure there accuracy at the time of publication, information and specifications described herein are subject to errors or omissions and to changes without notice, and the listing of such information and specifications does not ensure product availability.

Alpha provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Alpha be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary) whatsoever, even if Alpha had been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

SpecPDFFooterConfidential

□□□□□□□□ Dave Watson

2025/4/22