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Customer Specification

PART NO. AF-155-6

ProductConstruction

1) Tubing Type	Acrylic Coated Fiberglass Sleeving
2) Tubing Material	Fiberglass Braid coated with Acrylic
3) Minimum ID(In)	0.162
4) Maximum ID(In)	0.178
5) Minimum Wall Thickness(In)	0.010
6) Color(s)	NATURAL

ProductIndustryApprovals

1) Military	MIL-I-3190/3 Grade C1	
2) Other	NEMA TF-1 Type 6	

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	-40 to 155°C	
2) Elongation	150%, Min	ASTM D638
3) Low Temperature Flex(-10°C)	no cracking	AMS-DTL-23053
Electrical Properties		
1) Dielectric Strength	2500 V, Min Average	ASTM D149
	1500 V, Min Individual	
2) Volume Resistivity	1×10^{10} ohm-cm, Min	ASTM D876
3) Dielectric Constant	2.5	IEC 250
Chemical Properties		
1) Corrosion(0°C, 16hrs)	no corrosion	AMS-DTL-23053
2) Fungus Resistance	Pass	AMS-DTL-23053
3) Halogen Free	No	
4) Lead Free	Yes	

ProductOther

Packaging

www.alphawire.com

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