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Customer Specification

PART NO. PIF-200-10

ProductConstruction

1) Tubing Type	Silicone Rubber Coated Fiberglass Sleeving
2) Tubing Material	Fiberglass Braid coated with Silicone Rubber
3) Minimum ID(In)	0.102
4) Maximum ID(In)	0.112
5) Minimum Wall Thickness(In)	0.018
6) Color(s)	NATURAL

ProductIndustryApprovals

1) UL	Standard 1441	600 V _{RMS}
	VW-1	
2) Military	MIL-I-3190/6 Class 200, Type D, Category C	
3) Other	NEMA TF-1	
	Grade A	
	FMVSS 302	
	SAE ARP 1536 Abrasion Test	

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	-70 to 200°C	
2) Tensile Strength	1200psi, Min	ASTM D638
3) Elongation	420%, Min	ASTM D638
Electrical Properties		
1) Dielectric Strength	8000 V, Min	ASTM D876
2) Volume Resistivity	6×10^{13} ohm-cm, Min	ASTM D876
3) Dielectric Constant	2.8	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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