

Customer Specification

PART NO. FIT-FLEX-2

Construction

1) Tubing Type	Heat Shrinkable Tubing
2) Tubing Material	Irradiated Silicone Rubber
3) Minimum Supplied ID(In)	0.118
4) Maximum Recovered ID (In)	0.071
5) Nominal Recovered Wall Thickness(In)	0.055
6) Color(s)	SLATE

Applicable Specifications

1) UL	VW-1	
	Standard 224	200°C / 600 V _{RMS}

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	-50 to 200°C	
2) Shrink Ratio	Approximately 1.7:1	
3) Full Recovery Temperature	135°C	
4) Tensile Strength	870psi, Min	ASTM D638
5) Elongation	350%, Min	ASTM D638
6) Longitudinal Change	-15%	AMS-DTL-23053
7) Specific Gravity	1.20, Max	ASTM D792
Electrical Properties		
1) Dielectric Strength	200 V/mil, Min	ASTM D876
2) Volume Resistivity	1x10 ¹² ohm-cm, Min	ASTM D876
3) Dielectric Constant	3.2	IEC 250
Chemical Properties		
1) Water Absorption	1.00%, Max	ASTM D570
2) Fungus Resistance	Pass	AMS-DTL-23053
3) Halogen Free	No	
4) Lead Free	Yes	

Other

Packaging	
100 FT, 25 FT	

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Alpha Wire □□□□FIT-FLEX-2

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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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