



Customer Specification

PART NO. GRP-130-1/8

Construction

1) Tubing Type	Wrappable Sleeving
2) Tubing Material	Flame Retardant Braided PET
3) Minimum Supplied ID(In)	0.125
4) Nominal Wall Thickness +/- 0.005(In)	0.024
5) Ends per Carrier Alternating	1/3
6) Color(s)	BLACK, ORANGE

Applicable Specifications

1) UL	UZKX2	125°C
	UL-94 V0	
2) CSA International	5836 01	125°C
	FT2	

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	-70 to 125°C	
2) Tensile Strength	6psi, Min	ASTM D638
3) Specific Gravity	1.38, Max	ASTM D792
Electrical Properties		
Chemical Properties		
1) Water Absorption	0.10%, Max	ASTM D570
2) Corrosion(0°C, 16hrs)	no corrosion	AMS-DTL-23053
3) Fungus Resistance	Pass	AMS-DTL-23053
4) Halogen Free	Yes	
5) Lead Free	Yes	

Other

Packaging	
200 FT, 50 FT	Notes
1) Recommended Cutting Method: Hot Knife	
2) Monofilament diameter: 1/8 = .008, 1/4 - 3/4 = .010, 1 - 2=.015	
3) 25% Edge Overlap	
4) UV Resistant	

www.alphawire.com

Alpha Wire | 711 Lidgerwood Avenue, Elizabeth, NJ 07207
 Tel: 1-800-52 ALPHA (25742)

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EU/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: GRP-130-1/8

GRP-130-1/8 , RoHS-Compliant Commencing With 9/24/2010 Production

This document certifies that the Alpha part number cited above is manufactured in accordance with Directive 2011/65/EU of the European Parliament, better known as the RoHS Directive, with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. The reader is referred to this Directive for the specific definitions and extents of this Directive. **No Exemptions are required for RoHS Compliance on this item.** It should be noted that this product does not fall within the scope of Directive 2011/65/EU, but this Certificate is offered for cases where this product will be used within EEE that does fit within the Directive's scope. Additionally, Alpha certifies that the listed part number is in compliance with China RoHS "Marking for Control of Pollution by Electronic Information Products" standard SJ/T 11364-2006.

Substance	Maximum Control Value
Lead	0.1% by weight (1000 ppm)
Mercury	0.1% by weight (1000 ppm)
Cadmium	0.01% by weight (100 ppm)
Hexavalent Chromium	0.1% by weight (1000 ppm)
Polybrominated Biphenyls (PBB)	0.1% by weight (1000 ppm)
Polybrominated Diphenyl Ethers (PBDE) , Including Deca-BDE	0.1% by weight (1000 ppm)

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Authorized Signatory for the Alpha Wire Company:

Dave Watson, Director of Engineering & QA

5/10/2013