

Customer Specification

PART NO. GRP-110NF112

Construction

1) Tubing Type	Expandable Sleeving
2) Tubing Material	Braided Polyethylene Terephthalate
3) Minimum Supplied ID(In)	1.250
4) Maximum Expanded ID (In)	2.000
5) Nominal Wall Thickness +/- 0.005(In)	0.024
6) Number of Carriers	120
7) Number of Yarns	4
8) Total Number of Monofilaments	480
9) Color(s)	BLACK OR NATURAL

Applicable Specifications

1) UL	UZKX2	
2) CSA International	5836 01	
3) Military	MIL-I-631	

Environmental

1) EU Directive 2011/65/EU(RoHS2), EU Directive 2015/863/EU (RoHS3):	
	All materials used in the manufacture of this part are in compliance with European Directive 2011/65/EU and the amending Directive 2015/863/EU of 4 June 2015 regarding the restriction of use of certain hazardous substances in electrical and electronic equipment.
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.
3) California Proposition 65:	Exempt from warning labels based on the Consent Judgment. Please see Alpha's CA Prop 65 Statement for more information.

Properties

Physical & Mechanical Properties		
1) Temperature Range	-75 to 125°C	
2) Tensile Strength	85000psi, Min	ASTM D638
Electrical Properties		
Chemical Properties		
1) Water Absorption	0.08%, 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		
1) 250 FT	CR6-10.5: 6 x 10.5 x 3.25 Max. 4 pieces/Min length 20 FT.	

www.alphawire.com

Alpha Wire
2200 US Highway 27 South
Richmond, IN 47374

Tel: 1-800-52 ALPHA

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Lead

Mercury

Cadmium

Hexavalent Chromium

Polybrominated Biphenyls (PBB)

Polybrominated Diphenyl Ethers (PBDE),

Including Deca-BDE

Bis(2-ethylhexyl) phthalate (DEHP)

Butyl benzyl phthalate (BBP)

Dibutyl phthalate (DBP)

Diisobutyl phthalate (DIBP)

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