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### Construction

1) Tubing Type	Non-Expandable Sleeving	
2) Tubing Material	Braided Nylon	
3) Minimum Supplied ID(In)	0.250	
4) Nominal Wall Thickness +/- 0.005(In)	0.032	
5) Number of Carriers	48	
6) Number of Yarns	4	
7) Total Number of Monofilaments	192	
8) Color(s)	BLACK	

# **Applicable Specifications**

1) Military	MIL-S-47053	
2) Other	CID AA-59301	

### **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 <a href="Alpha's REACH SVHC Declaration">Alpha's REACH SVHC Declaration</a> .	
3) California Proposition 65:	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.	

## **Properties**

1) Temperature Range	-45 to 120°C	
2) Tensile Strength	80000psi, Min	ASTM D638
3) Specific Gravity	1.14, Max	ASTM D792
Electrical Properties	·	
1) Dielectric Strength	4 V/mil, Min	ASTM D876
<b>Chemical Properties</b>	·	
1) Water Absorption	0.04%, 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		
500 FT, 100 FT			

#### www.alphawire.com

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□□□□□□□□0.1% (1000 ppm) Lead Mercury □□□□□□□□0.01% (100 ppm) Cadmium Hexavalent Chromium □□□□□□□□0.1% (1000 ppm) □□□□□□□□0.1% (1000 ppm) Polybrominated Biphenyls (PBB) Polybrominated Diphenyl Ethers (PBDE), Including Deca-BDE Bis(2-ethylhexyl) phthalate (DEHP) □□□□□□□□0.1% (1000 ppm) Butyl benzyl phthalate (BBP) Dibutyl phthalate (DBP) □□□□□□□□0.1% (1000 ppm) Diisobutyl phthalate (DIBP) □□□□□□□□0.1% (1000 ppm)

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