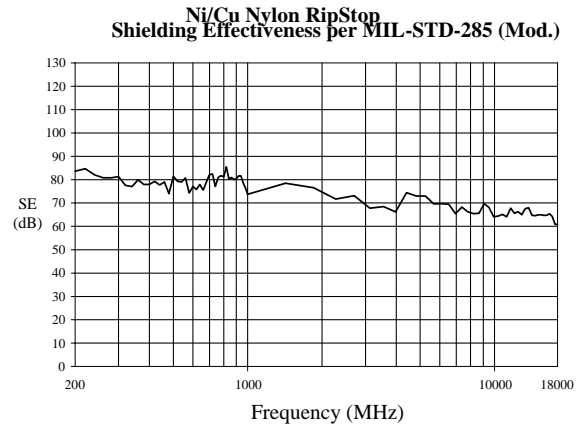




Nickel/Copper Nylon Ripstop with Conductive Adhesive

Flectron® Nickel/Copper Nylon Ripstop with Conductive PSA is a unique fabric, manufactured using a patented, proprietary technology. Nylon ripstop fabric is plated with highly conductive copper and corrosion resistant nickel. An anti-fray coating is applied to the fabric, then a conductive pressure sensitive adhesive (CPSA) is laminated to one side.

Product No.: 3050-532



Physical Properties

<u>Property</u>	<u>Units</u>	<u>Value</u>	<u>Advantage</u>
Substrate		Nylon Ripstop	Strong, Flexible, Conformable
Metal		Ni/Cu	Highly Conductive, Corrosion Resistant
Thickness, (nominal)	Inches mm	0.006 0.15	Thin and Flexible
Weight	oz./yd. ² g/m. ²	2.3 – 3.0 78 - 119	Excellent Electrical Properties
Max Short Duration Temperature		200°C	Allows Thermal Processing

Electrical Properties

<u>Property</u>	<u>Units</u>	<u>Value</u>
Surface Resistivity (ASTM F390)	ohms/square	<0.08 (0.03 typical)
Far-field Shielding 100 MHz to 18 GHz	Effectiveness dB	(typical) > 70

Mechanical Properties

<u>Property</u>	<u>Units</u>	<u>Value</u>
Tensile Strength, MD (ASTM D5035)	Lb./in	50
Peel Strength	Lb./in	48 oz/in
Abrasion Resistance (ASTM D3886)	Cycles	> 1,000,000
-Typical values for greige fabric. -Machine Direction		

FLECTION® Nickel/Copper Nylon Ripstop can be used in many different configurations to protect against EMI/RFI and ESD in a variety of applications. Typical applications include: enclosures, cables, tapes, and grounding.

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