

**Item # 3035-535, Metallized Conductive Fabric**

Combines highly conductive copper and corrosion resistant nickel with the lightweight, flexibility, conformability, strength and uniform appearance of a woven. Nickel/Copper Polyester Taffeta offers excellent surface conductivity, shielding effectiveness, and reflectivity.

**Specifications**

<b>Material</b>	Ni/Cu Polyester Taffeta
<b>Nominal Thickness</b>	0.006 inches
<b>Nominal Thickness</b>	0.2 mm
<b>Surface Resistivity (ASTM F390)</b>	$\leq 0.07 \Omega/\text{sq. inches}$
<b>Shielding at 100 MHz (Mil-Std 285)</b>	80 dB
<b>Shielding at 1GHz (Mil-Std 285)</b>	80 dB
<b>Tensile Strength CD (ASTM D5035)</b>	50 lb/in
<b>Tensile Strength MD (ASTM D5035)</b>	75 lb/in
<b>Air Flow</b>	66 ft <sup>3</sup> /min/ft <sup>2</sup>
<b>Weight (LT 500)</b>	2.2 - 3.1 oz/yd <sup>2</sup>
<b>Max. Short Duration Temperature</b>	210 °C
<b>Optional</b>	Anti-fray coating on Ni/Cu woven material.

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