

**Marktek Inc.**  
**Your One-Stop Shop for Conductive, Resistive, & Microwave-Absorptive Materials**

**Data Sheet for NCPB15**

ID Number:	NCPB15
Description:	Nylon pattern-bonded nonwoven coated with nickel over copper over flash Ag
Thickness, mils:	10 (0.25 mm) ±10%
Basis Weight, oz/yd <sup>2</sup> :	2.8 (95 g/m <sup>2</sup> ) ±10%
Width, in (nominal):	39 (100 cm) ±1"
Avg, Surface Resistivity*, ohm/sq:	0.02 (max. 0.05)
Avg. Shielding Effectiveness from 30 MHz To 10 GHz, dB:	90
Metal Adhesion*:	Pass, no metal loss
Abrasion Resistance*, cycles:	10,000
Cold Exposure*:	No cracking
Salt Fog Resistance*:	Pass
Temperature Range, °C:	-40 to 100
Master Roll Length, yd.:	110 (100 m, 1 splice)

\*Surface resistivity and metal adhesion, ASTM D3359, performed after 48-hour salt fog test, ASTM B117; abrasion resistance per ASTM D3885; cold exposure test samples chilled to -45°C, then flexed 180° around a 1/8" diameter rod while at -45°C.

The information provided here is for illustrative purposes only and should not be considered a product specification. As always, it is up to the user of this product to make the final determination as to whether the said product is suitable for the user's intended application.

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