

## Marktek Inc.

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

### Data Sheet for NCPT2 and NCPR2

ID Number:	NCPT2 or NCPR2
Description:	Polyester plain weave taffeta (T) or ripstop (R) fabric coated with nickel over copper
Thickness, mils:	4 (0.1 mm) $\pm$ 10%
Basis Weight, oz/yd <sup>2</sup>	2.37 (80 g/m <sup>2</sup> ) $\pm$ 10%
Width, in (nominal useable)	52 $\pm$ 1.5 (132 $\pm$ 4 cm)
Surface Resistivity, ohm/sq	<0.05
Avg. Shielding Effectiveness From 30 MHz to 5 GHz, db:	78
Metal Adhesion*:	Pass, no metal loss
Abrasion Resistance, cycles*:	100,000
Cold Exposure*:	No cracking
Salt Fog Resistance*:	Pass
Temperature Range, °C:	-40 to 100 (-40 to 212 °F)
Avg. Master Roll Length, yd.:	~220 (200m, typical 1 splice/200 m)

\*Metal adhesion per ASTM D3359, Abrasion resistance per ASTM D3885, Salt fog resistance 48-hour per ASTM B117; 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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