

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

Data Sheet for NCPR3

ID Number:	NCPR3
Description:	Polyester ripstop fabric coated with nickel over copper
Thickness, mils:	7 (0.18 mm) \pm 10%
Basis Weight, oz/yd ² :	2.8 (95 g/m ²) \pm 18%
Width, in (nominal useable):	57 \pm 1 (145 \pm 2.5 cm)
Surface Resistivity, ohm/sq:	\leq 0.07
Avg. Shielding Effectiveness From 200 MHz to 18 GHz, dB:	65 (50 – 80 range)
Metal Adhesion*:	Pass, no metal loss
Abrasion Resistance, cycles*:	NA
Tensile Strength of base fabric, lb/in*:	65 (warp), 60 (weft)
% Elongation of base fabric*:	27 (warp)
Temperature Range, °C:	-40 to 210 (short duration for thermal processing)
RoHS compliant	

*Metal adhesion per ASTM D3359; Abrasion resistance per ASTM D3885; Tensile strength & % Elongation per ASTM D5035

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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