

Marktek Inc.

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

Data Sheet for NCS95R-CR

Part Number:	NCS95R-CR
Description:	Nylon ripstop fabric coated with nickel over copper over silver and a secondary, water-resistant coating suitable for cleanroom use. Used in shielded tents.
Thickness, mils:	5 (127 um) \pm 15%
Basis Weight, oz/yd ²	3.32 (112 g/m ²) \pm 15%
Width, in (nominal)	52 \pm 1.5 (132 \pm 4 cm)
Surface Resistivity*, ohm/sq	<0.01
Avg. Shielding Effectiveness from 30 MHz to 10 GHz, per IEEE 299, db:	90
Metal Adhesion*:	Pass, no metal loss
Abrasion Resistance, cycles:	1,000,000
Cold Exposure*:	No cracking
Salt Fog Resistance*:	Pass
Temperature Range, °C:	-40 to 100 (-40 to 212 F)
Avg. Roll Length, yd.:	220 (200 m), 1 seam/100 m

*Surface resistivity and metal adhesion, ASTM D3359, performed after 48-hour salt fog test, ASTM B117; abrasion resistance per ASTM 3885; 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.

Rev. 0920

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