

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

Data Sheet for NCPM2

Part Number:	NCPM2
Description:	Polyester woven mesh fabric coated with nickel over copper
Thickness, mils:	3(0.076 mm) ±20%
Basis Weight, oz/yd ²	1.6 (55 g/m ²) ±20%
Mesh Size, opi:	200 x 200
Width, in (nominal)	42±1 (109±3 cm)
Surface Resistivity, ohm/sq	<0.1
Avg. Shielding Effectiveness from 10 MHz to 3 GHz, db:	50
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 (-40 to 212 °F)
Avg. Master Roll Length, yd.:	200 (182 m)

*Metal adhesion per ASTM D3359; Abrasion resistance per ASTM D3885; 48-hour salt fog test, 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 said product is suitable for the user's intended application.

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