

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

Data Sheet for TCS72R-CR

ID Number:	TCS72R-CR
Description:	Nylon ripstop fabric coated with tin over copper over silver with secondary, water-resistant coating suitable for clean rooms. Used in shielded tents.
Thickness, mils:	5 (0.13 mm) \pm 15%
Basis Weight, oz/yd ²	2.4 (81 g/m ²) \pm 15%
Width, in (nominal)	52 \pm 1.5 (132 \pm 4 cm)
Surface Resistivity, ohm/sq	<0.02
Avg. Shielding Effectiveness From 30 MHz to 18 GHz, db	85
Metal Adhesion*:	Pass, no metal loss
Abrasion Resistance, cycles:	1,000,000
Cold Exposure*:	No cracking
Salt Fog Resistance*:	NA
Temperature Range, °C:	-40 to 100 (-40 to 212°F)
Master Roll Lengths, yd.:	218 (200 m), one splice/100 m

*Metal adhesion, ASTM D3359; salt fog test, ASTM B117; abrasion 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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