

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

Data Sheet for SBRM48 and SBRM48T

ID Number:	SBRM48, SBRM48T
Description:	Nylon ripstop or taffeta(T) fabric coated with 99.9% silver
Thickness, mils:	3.5 (90 um) ±12%
Basis Weight, oz/yd ²	1.3 (43 g/m ²) ±10%
Tensile Strength, lb/in	45 (80 N/cm)
Width, in (nominal)	52±1 (132±3 cm)
Surface Resistivity, ohm/sq	0.3 or less
Avg. Shielding Effectiveness From 30 MHz to 10 GHz, db:	60
Metal Adhesion*:	Pass, no metal loss
Abrasion Resistance*, cycles:	1,000,000
Temperature Range, °C	-40 to 100 (190 short-term)
Cold Exposure*:	No cracking
Master Roll Length, yd.:	109 (100 m, 1 seam/100 m)

*Metal adhesion per ASTM D3359; Abrasion resistance 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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