

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

Data Sheet for SBRMC60U

ID Number:	SBRMC60U
Description:	Nylon ripstop fabric fully coated with silver and then carbon-loaded polyurethane on one side.
Thickness, mils:	4 (0.10 mm) $\pm 12\%$
Basis Weight, oz/yd ² :	1.51 $\pm 10\%$ (51 $\pm 10\%$ g/m ²)
Width, in (nominal):	51 ± 1 (129.5 ± 5 cm)
Avg. Surface Resistivity, ohm/sq:	<0.3 (max 0.5)
Avg. Shielding Effectiveness from 30 MHz to 10 GHz, dB:	60
Tensile Strength, lb/in	45 (80 N/cm) $\pm 12\%$
Metal Adhesion*:	Pass, no metal loss
Abrasion Resistance*, cycles:	1,000,000
Cold Exposure*:	No cracking
Temperature Exposure, °C:	-40 to 100
Avg. Roll Length, yd.:	220 (200 m), typically 2 seams
RoHS and REACH compliant:	Yes

Applications: EMI gaskets and cable wrap: shielded tents, pouches, and cases; touch screen-compatible gloves

*Metal adhesion, ASTM D3359; salt fog test, ASTM B117; abrasion resistance, 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 users intended application.

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