

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

Data Sheet for SM1684B and SM1684BK

Part Numbers:	SM1684B, SM1684BK
Description:	18% silver-coated 44/12 nylon yarn + 82% brown or black modal yarn, in a jersey knit construction.
Available Colors:	brown, black (also light gray)
Basis Weight, oz/yd ²	4.1 (138 g/m ²)
Width, in (nominal)	58±2 (147±5 cm)
Avg. Surface Resistivity, ohm/sq	< 10
Avg. Shielding Effectiveness from 200 MHz to 4 GHz, dB:	37
Metal Adhesion per ASTM D3359:	Pass, no metal loss
Temperature Range °C:	-40 to 90
Master Roll Length, yd:	55-88 (50-80 m)
RoHS and Reach compliant	
Applications:	Antibacterial, fungicidal, and electromagnetic shielding garment products

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