

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

Data Sheet for SMP70

Part Number:	SMP70
Description:	Bi-directionally stretchy, nylon/spandex knit fabric coated with 99% pure silver (also available with protective urethane coating)
Thickness, mils:	13 (0.34 mm) \pm 12%
Basis Weight, oz/yd ²	2.6 (87 g/m ²) \pm 15%
Width, in (nominal)	53 (135 cm) \pm 2"
Surface Resistivity, ohm/sq	< 100
Shielding Effectiveness @ 1 GHz, dB	NA
Abrasion Resistance per ASTM D3385, cycles:	10,000
Metal Adhesion per ASTM D3359:	Pass, no metal loss
Temperature Range °C:	-30 to 90
Stretch, %:	up to 90% in both directions
Avg. Roll Length, yd:	33 (30 m)
RoHS and Reach:	Compliant
Main Applications:	Wound care, antimicrobial products and garments, e-textiles

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