

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

**Data Sheet for SMP180**

Part Number:	SMP180
Description:	Nylon/spandex knit fabric coated with 99% silver (also available with protective nitrile rubber coating)
Thickness, mils:	22 (0.55 mm) $\pm 10\%$
Basis Weight, oz/yd <sup>2</sup>	5.4 (183g/m <sup>2</sup> ) $\pm 10\%$
Width, in (nominal)	52 (132 cm)
Surface Resistivity, ohm/sq	<100
Metal Adhesion per ASTM D3359:	Pass, no metal loss
Abrasion Resistance per ASTM D3885:	10,000 cycles
Short-term Temperature Range °C:	-30 to 90
Stretch, %:	95% longitudinal direction/20% transverse direction
Avg. Master Roll Length, yd:	33 (30 m)
RoHS and Reach:	Compliant
Main Applications:	Wound care, antimicrobial products, bedding and garments

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