

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

**Data Sheet for SMP130-B**

Part Number:	SMP130-B
Description:	Nylon/spandex knit fabric coated with 99% pure silver and then thin nitrile rubber protective layer
Thickness, mils:	18 (0.45 mm) $\pm$ 10%
Basis Weight, oz/yd <sup>2</sup>	4.2 (142 g/m <sup>2</sup> ) $\pm$ 10%
Width, in (nominal)	52 (132 cm) $\pm$ 2
Surface Resistivity, ohm/sq	<100
Shielding Effectiveness @ 1 GHz, dB	NA
Abrasion Resistance per ASTM D3885:	10,000 cycles
Metal Adhesion per ASTM D3359:	Pass, no metal loss
Temperature Range °C:	-30 to 90
Stretch, %:	up to 95% in two directions
Roll Length, yd:	33 (30 m)
RoHS Compliant	

Applications: wound dressing wrap, medical, antibacterial garments, bedding, touchscreen-compatible gloves

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