

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

Data Sheet for SMP130T-B

Part Number:	SMP130T-B
Description:	Highly conductive, nylon/spandex, elastic, knit fabric coated with 99% pure silver plus a thin, protective nitrile rubber coating (can be purchased w/o protective coating)
Thickness, mils:	21.7 (0.55±15% mm)
Basis Weight, oz/yd ²	3.92 (132±18% g/m ²)
Width, in (nominal)	52 (132±5 cm)
Surface Resistivity, ohm/sq	<2
Avg. Shielding Effectiveness, 1-4 GHz, dB	40
Abrasion Resistance per ASTM D3885:	10,000 cycles
Metal Adhesion per ASTM D3359:	Pass, no metal loss
Temperature Range °C:	-30 to 90
Stretch, %:	min. 95% in both directions
Roll Length, yd:	max. 57 (52 m)
Main Applications:	Smart/e-textiles, skin electrodes, EMI shielding
REACH and RoHS:	Compliant

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