

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

Data Sheet for SMP180T-B

Part Number:	SMP180T-B
Description:	Highly conductive, nylon/spandex knit fabric coated with 99% pure silver plus thin nitrile rubber coating
Thickness, mils:	22.4 (0.57 mm)±10%
Basis Weight, oz/yd ²	6.1 (205 g/m ²) ±15%
Width, in (nominal)	52 (132 cm) ±2
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
One-directional Stretch, %:	95-145% longitudinal
Roll Length, yd:	Max. 40 (36 m)
Main Applications:	Smart/e-textiles, skin electrodes, EMI shielding
REACH and RoHS:	Compliant

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