



**Silicon Valley Sand**

24"



**Maquiladora Tan**

24"



**Penang Pewter**

24"



**Malay Magenta**

24"



**Edison Gray**

24"



**Tesla Blue**

24"



**JULIE INDUSTRIES, INC.**  
Makers of StaticSmart Mission Critical Flooring

**SMT / Electronics Assembly** static control flooring

**SMT SERIES** static control carpet **SPECIFICATIONS**

**Construction:** Textured loop - Straight/PSP with Ecc Roll

**Yarn Weight:** 22 oz./sq. yd.

**Total Weight:** 96.98 oz./sq. yd.

**Stitches per Inch:** 9.0

**Pile Height:** 5/32 in.

**Fiber:** 100% ECO Solution Q SD Nylon

**Tile Size:** 24" x 24"

**Conductive Fiber:** Continuous conductive StaticSmart™ FibreLink monofilament

**kV Rating:** AATCC 134-1996 electrostatic propensity: less than 2 kV. Tested at 20% relative humidity at 20° Celsius and 70° Fahrenheit.

**Electrical Resistance:** ESD S7.1/NFPA 99 Resistive/resistance characterization of materials: RTT six or more readings between points placed 3 feet apart. Tested with an applied voltage of 100V. Measured in Ohms,  $2.5 \times 10^4$  minimum,  $1.0 \times 10^8$  maximum. RTG six or more readings from surface to groundable point. Tested with an applied voltage of 100V. Measured in Ohms,  $2.5 \times 10^4$  minimum,  $1.0 \times 10^8$  maximum

Electrical Resistance/Voltage Test ANSI/ESD S-20.20, compliant when using approved conductive footwear system. Results within recommended range  $< 35 \times 10^6$  Ohm or  $< 100$  volts

D.O.D. HDBK263A, Section 40.1.2: Meets recommended guidelines for sensitive ESD devices, Class 1.

Meets Motorola R56 standards and guidelines for static control flooring.

Roller Caster Electrical Test (CET) Assessment. After 100,000 chair caster cycles there was no depreciable change in conductivity or electrical performance. Lab data available on request.

**Groundable Path:** StaticSmart™ ground strip or RTG Connector Kit

**Grounding Frequency:** 1 per 1,000 sq. ft.

**Backing Systems:** Conductive Ecoworx® backing - 100% PVC-free recyclable, made from recycled material

**Adhesives:** Conductive releasable adhesive for carpet tile  $1.0 \times 10^6$  Ohms RTT

**Availability:** Standard colors - no minimum. Custom colors available 500 sq. yd. minimum

**Flammability:** ASTM E-648 flooring radiant panel - Class 1 ( $\geq .45$  W/cm<sup>2</sup>)  
ASTM E-662 NBS smoke density - less than 450

**Installation:** Monolithic

\*Ecoworx® is a registered trademark of Shaw, a Berkshire Hathaway Company

\*\*This information is accurate and current but may be subject to change without notice. REV 3/08

N + 1 PERMANENT STATIC PROTECTION

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SMT Series Carpet/Tile SPECIFICATIONS