

Julie Industries StaticSmart Carpet Tile and Broadloom Carpet Specifications

**StaticSmart ESD Carpet Tile:
 N+1 Mission Critical Flooring**

- Ergonomically superior to vinyl or rubber
- Superior sound absorption
- Chair Caster Roller Tested tough
- CRI Green Label Plus Certified
- Numerous colors/styles with custom design capabilities
- Meets ANSI/ESD S20.20
- Choices of backing allow you to install over access flooring, concrete or VCT
- Lifetime warranty

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ROLLER
 CASTER
 ELECTRICAL
 TEST
 PROVEN



	Discovery Series <i>Classic</i>	Discovery Series <i>Contempo</i>	Frontier Series
Construction:	Textured Loop	Textured Graphic Loop	Textured Loop
Yarn Weight:	24 oz./sq. yd.	24 oz./sq. yd.	22 oz./sq. yd. (Tile) 26 oz./sq. yd. (Broadloom)
Total Weight:	98.98 oz./sq. yd. (Tile) 54.0 oz./sq. yd. (Broadloom) 80 oz./sq. yd. (StatLock)	98.98 oz./sq. yd. (Tile) 54.0 oz./sq. yd. (Broadloom) 80 oz./sq. yd. (StatLock)	96.98 oz./sq. yd. (Tile) 61.6 oz./sq. yd. (Broadloom) 70.45 oz./sq. yd. (StatLock)
Stitches per Inch:	11 s.p.i.	10 s.p.i.	9 s.p.i.
Finished Pile Height:	4.78 mm	4.78 mm	3.96 mm (Tile) 4.75 mm (Broadloom)
Fiber:	Solutia LXI Nylon	Performa SD Type 6 Nylon	Eco Solution Q SD Nylon
Sizes Available:	24" x 24" <i>EcoWorx® backing</i> 12' Broadloom <i>Dissipative Unitary Backing</i> StatLock for Access Floors <i>Dissipative polyurethane Backing</i> w/20# Tuft Bind & 10# Edge Lock	24" x 24" <i>EcoWorx® Backing</i> 12' Broadloom <i>Dissipative Unitary Backing</i> StatLock for Access Floors <i>Dissipative polyurethane Backing</i> w/20# Tuft Bind & 10# Edge Lock	24" x 24" <i>EcoWorx® Backing</i> 12' Broadloom <i>Dissipative Unitary Backing</i> StatLock for Access Floors <i>Dissipative polyurethane Backing</i> w/20# Tuft Bind & 10# Edge Lock
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 x 10 ⁴ minimum, 1.0 x 10 ⁹ maximum. Rtg six or more readings from surface to ground-able point. Tested with an applied voltage of 100V. Measured in Ohms, 1.0 x 10 ⁵ minimum, 1.0 x 10 ⁸ maximum Electrical Resistance/Voltage Test ANSI/ESD S-20.20, compliant when using approved conductive footwear system. Results within recommended range < 35 x 10 ⁶ Ohm or < 100 volts D.O.D. HDBK263A, Section 40.1.2: Meets recommended guidelines for sensitive ESD devices, Class 1. 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.		