

StaticSmart DISCOVERY ECO SERIES ESD Carpet Tile

Construction:	Textured loop - Straight / PSP with Ecc Roll * Cortez: Textured graphic loop
Yarn Weight:	24 oz./sq. yd. (813.76 g/sm)
Total Weight:	98.98 oz./sq. yd.
Stitches per Inch:	9.83 / in. (38.7/10 cm) * Cortez: 10 / in. (39.37/10cm)
Average Density:	5538 oz./yd. ³
Pile Height:	0.156" (3.96 mm)
Gauge:	1/10 (39.37/10 cm)
Fiber:	Premium Branded Solution Dyed ECO Solution Q Nylon * Cortez: Performa SD type 6 nylon
Tile Size:	24" x 24" (60.96 cm x 60.96 cm)
Conductive Fiber:	Continuous conductive StaticSmart™ FibreLink monofilament
Electrostatic Propensity:	ESD STM 97.2 (w/conductive footwear) .Less than 20 Volts AATCC 134-06 (w/o conductive footwear) .Less than 0.4 kV (400 Volts)
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, 2.5×10^4 minimum, 1.0×10^8 maximum. Rtg six or more readings from surface to groundable point. Tested with an applied voltage of 100V. Measured in Ohms, 2.5×10^4 minimum, 1.0×10^8 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 FAA-STD-019e and 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.
Groundable Path:	StaticSmart™ ground strip or Rtg Connector Kit
Grounding Frequency:	1 per 1,000 sq. ft.
Backing System:	Conductive Ecoworx® backing - 100% PVC-free recyclable, made from recycled material
Adhesives:	Conductive releasable adhesive for carpet tile 1.0×10^6 Ohms Rtt
Sustainability:	Platinum Certification under NSF/ANSI Standard 140 - 2007
Availability:	Minimums may apply, please call for details.
Flammability:	ASTM E-648 flooring radiant panel - Class 1 ($\geq .45$ W/cm ²) ASTM E-662 NBS smoke density - less than 450
Installation:	Monolithic
Warranty:	Ltd. Lifetime Commercial Warranty

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*This information is accurate and current but may be subject to change without notice. REV 12/08



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