

OhmStyle ESD™ Modular Carpet Tiles Provide Unparalleled Static Control Protection and are Conductive, Connected and Grounded

OhmStyle ESD™ was designed specifically for Electronics Manufacturing, Mission Critical, GSA and Raised Access Floor Environments

OhmStyle ESD™ static control modular carpet tiles are conductive, connected and grounded. They perform like a sponge, absorbing static electricity to reduce accumulation while simultaneously routing the charge to ground.

OhmStyle ESD™ carpet tiles (combined with our conductive releasable adhesive) continuously out performs regular commercial flooring materials described as "anti-static", "anti-shock" and "computer grade" flooring.

OhmStyle ESD™ will dramatically improve the appearance of any work space environment and offers you the ability to reconfigure your flooring layout as needed. Our stylish color selection created with superior yarn systems, along with the ability to install non directionally (for 5 of the 6 styles) places our conductive carpet tile in a class by itself.

Antimicrobial Protection

OhmStyle ESD™ has a proprietary antimicrobial additive, registered by the EPA, built into the primary backing that provides permanent, lifetime protection against a broad spectrum of molds, mildews and odor-causing microorganisms. Antimicrobial protection is guaranteed for the life of the carpet, assuming proper maintenance.

OhmStyle ESD™ is Versatile Enough for a Variety of Applications

Mission Critical

- Raised Access Floors
- Server Rooms
- Large Data Centers
- CCTV Monitoring Centers
- Federal/State/Municipal Operation Centers
- 9-1-1 Dispatch
- Aviation Communication
- Command/Control/Disaster Recover Rooms

Technology Environments





- Plant Manager Offices
- Electronic Manufacturing
- Printed Circuit Board Assembly
- High-Reliability Design/Test Labs
- Component Assembly/Pick & Place
- Computer Repair/Bench Top Work Stations

OhmStyle ESD™ is Environmentally Preferred

- Minimum 44% Recycled Content
- Recyclable and Reusable
- Meets CRI Green Label Plus Indoor Air Quality Protocol
- Contributes to LEED® points
- Random Patterns and Mergeable Dye Lots Dramatically Reduce Cutting Waste
- Net Zero Greenhouse Gas Contribution Through Offsetting Emission Reduction Credits



PROPERTIES

Construction:	Textured loop
Yarn Weight:	24 oz./sq.yd. (813.76 g/sm)
Total Weight:	95 oz./sq.yd.
Stitches per Inch:	10/in.
Average Density:	7,579 oz./yd. ³
Average Pile Height:	0.114" (2.9 mm)
Gauge:	1/10 (39.37/10 cm)
Fiber: 	Premium Branded Solution Dyed ECO Solution Q Nylon
Tile Size:	24" x 24" (60.96 cm x 60.96 cm)
Conductive Fiber:	Continuous conductive 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: R _{TT} 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 ⁷ maximum. R _{TG} six or more readings from surface to groundable point. Tested with an applied voltage of 100V. Measured in Ohms, 2.5 x 10 ⁴ minimum, 1.0 x 10 ⁷ maximum. Electrical Resistance/Voltage Test ANSI/ESD S-20.20, compliant when using approved conductive footwear system. Results within recommended range <math>35 \times 10^6 \text{ Ohm}</math> or <math>100 \text{ volts}</math>. D.O.D. HDBK263A, Section 40.1.2: Meets recommended guidelines for sensitive ESD devices, Class 1. Exceeds FAA-STD-019e, Motorola R56 and ATIS-0600321.2010 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:	StaticStop™ ground strip
Grounding Frequency:	1 per 1,000 sq. ft.
Backing System: 	Conductive Ecoworx® backing: 100% PVC-free, phthalaate-free, recyclable and made from recycled material.
Adhesives:	Conductive releasable adhesive for carpet tile 1.0 x 10 ⁶ Ohms R _{TT}
Sustainability: 	Platinum Certification under NSF/ANSI Standard 140 - 2010
Availability:	Standard colors no minimum. *Special Order Colors minimums apply, please inquire for details.
Flamability:	ASTM E-648 flooring radiant panel - Class 1 (≥ .45 W/cm ²) ASTM E-662 NBS smoke density - less than 450
Installation:	 monolithic
Warranty:	Ltd. Lifetime Commercial Warranty

PERMANENT STATIC PROTECTION

*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.

