



Ground Zero Electrostatics AZO-STAT CONDUCTIVE ESD CARPETING

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AZO-STAT anti static Berber is an industrial carpet designed for extra heavy commercial traffic. Finally, a truly conductive carpeting capable of handling heavy loads and aggressive wear situations. With great looks and very low maintenance, this material is nearly indestructible! This time tested, static control carpeting provides exceptional service in the most demanding situations. Excellent choice for use in ESD static control areas, such as electronic manufacturing, telecommunication area's, or sensitive data processing.

AZO-STAT conductive berber is made of solution dyed ASOTA, high UV stability colorfast olefin staple fibers, blended with graphite conductive fibers, and manufactured by a proprietary fiber-v-loop double needled process. This proprietary manufacturing process provides exceptionally consistent PTP and RTG readings and one of the fastest, most complete electrostatic charge decay ratings in the world. AZO-STAT conductive berber is edge ravel free and is suitable for raised access floor panels, or as an ESD conductive industrial matting. Perfect for handling heavy loads and aggressive wear situations, while providing the utmost in proven ESD performance.

We challenge anyone to show us a tougher carpeting or any flooring material that can outperform AZO-STAT. With exceptional ergonomic comfort and excellent sound absorption qualities, AZO-STAT factory flooring deserves it's outstanding reputation as the indestructible ESD floor covering of the new millennium.



BENEFITS

- ☀ Exceptional ESD performance.
- ☀ Fully conductive backing.
- ☀ Lowest charge generation of any material we have tested.
- ☀ Outstanding Ergonomic comfort.
- ☀ Low Maintenance and pleasing ergonomic comfort to boost productivity.
- ☀ Excellent sound absorption ratings.
- ☀ Beautiful warm textures and colors, with excellent sound absorption qualities.
- ☀ A full 80 oz total weight



Note: Standard color offering is subject to change. Due to color variations in web graphics, please refer to actual samples for accurate color. Contact GROUND ZERO for samples:
1-877-GND-ZERO (463-9376)





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SPECIFICATIONS

PRODUCT DESCRIPTION:

Carpet Tile & Rolls

CONSTRUCTION:

Fiber blend 18-140 dpf olefin branded ASOTA staple fiber with silver coated nylon conductive fiber. There shall be no separate scrim or inner-liner.

YARN WEIGHT:

50 oz /Sq. Yd.

TOTAL WEIGHT:

80 oz / Sq. Yd.

STICHING:

Proprietary PV-1 Fiber V-Loop Double Needled Process

PILE HEIGHT:

1/8" (Total Thickness = 3/8")

CONDUCTIVE FIBER:

Continuous conductive Silver Coated Nylon & Graphite Matrix throughout each V-Loop fiber bundle

SIZES AVAILABLE:

Rolls: 6.6' x 50' @ 50 oz.; 6.6' x 70' @ 42 oz.

Tile: 19.5" x 19.5"

ELECTRICAL PROPERTIES:

EOS/ESD S7.1 Resistive Characterization of Floor Materials: (6) or more readings from Surface-to-Ground Point. Tested with an applied voltage of 100v. Measurement value in Ohms = (Minimum): 2.20×10^5 (Maximum): 1.30×10^5 (Median): 2.60×10^5 (Mean): 2.88×10^5

EOS/ESD S7.1 Resistive Characterization of Floor Materials: (6) or more readings between 5lb. Electrodes placed 12" apart. Tested with an applied voltage of 100v. Measurement value in Ohms = (Minimum): 3.50×10^5 (Maximum): 5.50×10^5 (Median): 3.65×10^5 (Mean): 3.79×10^5

Electrical Resistance / Voltage Test ANSI/ESD S20.20, compliant when using approved personnel footwear per 6.2.2.2. Results within recommended range of <35 Meg Ohms or, < 100 volts.

D.O.D. HDBK263A. Section 40.1.2: Meets recommended guidelines for Class 1 ESDS devices.

GROUNDING PROPERTIES:

ZeroStat™ Grounding Mechanism: (12 mm) copper strip w/ .080 Stainless Steel ZeroStat™ Plate Assembly

Grounding Frequency: Basic: (1) per 2,000 sq. ft.; Advanced: (1) per 1,000 sq. ft.; Critical: (1) per 500 sq. ft.

STATIC DECAY:

Conditioning: 50% RH +/- 2% @ 23°C +/- 1°C for 24 Hours.

Test conducted @: 50% RH +/- 2% @ 23°C +/- 1°C.

Test results = Time, seconds to decay to 10% of initial charge.

Results, <0.01 seconds

BACKING SYSTEMS:



4916 26th Street West, Suite 100, Bradenton, Florida 34207

Toll Free 877-GND-ZERO (463-1376), **Direct Phone** 941-751-7581 **Fax** 1-941-751-7586

Email sales@gndzero.com

http://www.gndzero.com



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Extra heavy conductive rubber backing; acrylic dispersion binder; conductive additives.

ADHESIVE SYSTEMS:

UltraStat™ releasable adhesive system (URAS); Dry Textile adhesive for tile + rolls (1.0×10^4)

UltraStat™ releasable adhesive system (GZ-C2000-R) Pressure sensitive adhesive for tile + rolls (1.0×10^6)

ZeroStat™ permanent adhesive system (GZ-C2000) 1-part modified water base adhesive (1.0×10^5)

AVAILABILITY:

Stock Colors – No Minimum Contact **GROUND ZERO** for full details, samples, specifications, warranty information, installation and value added services.

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