

## Aisle-Safe ESD Rubber Mats and Runners

### Staticworx Aisle-Safe\*

Designed with superb conductive properties, Staticworx Aisle-Safe floor mats and runners provide the ultimate in Class Zero ESD protection for the most ESD-sensitive environments.

- The Staticworx Aisle-Safe rubber line is the only conductive rubber product meeting both the recommended system resistance of ANSI/ESD S97.1 and the Body Voltage Generation for ANSI/ESD S97.2. Staticworx Aisle-Safe rubber flooring is manufactured to meet Class Zero ESD Applications.
- Ideal for data centers, R & D labs, computer rooms, clean rooms, munitions, electronics manufacturing and test & repair areas.
- Non-glare surface with an attractive natural stone pattern helps hide stains and scuff marks.
- Easy to maintain, never needs conductive wax.
- Resistant to chemicals and hot solder.
- Slip resistance exceeds ADA guidelines.
- State of the art properties make it ideal for use in areas where static can not be tolerated under any circumstances.



6103 Presto



6105 Largo



 Available in multiple sizes\*

4' x 5' x 2 mm thick  
4' x 6' x 2 mm thick  
4' x 8' x 2 mm thick  
4' x 32' x 2 mm thick

\*Call for custom sizes: 617-923-2000.

# Staticworx Rubber ESD

## Staticworx Aisle-Safe ESD Rubber – (Electrically Conductive) Mats and Runners

| SPECIFICATIONS        | Staticworx Aisle-Safe Rubber EC (Electrically Conductive)   |
|-----------------------|---|
| Tile size             | N/A   |
| Sheet size            | 4' X 32.8'  |
| Material thickness    | 2 mm  |
| Conductivity Warranty | Lifetime conductivity per guidelines of ANSI/ESD S20.20.  |
| Standard              | ASTM F 1344, for solid color homogeneous tiles and through-mottled tiles as applicable  |
| Abrasion Resistance   | Taber abrasion test, ASTM D 3389, H-18 wheel, 500 gram load, 1000 cycles, gram weight loss not greater than .70                                     |
| Hardness              | ASTM D 2240, Shore A, not less than 85  |
| Slip Resistance       | Static coefficient of friction (James Test): ASTM D 2047, equal to or greater than 0.6, ADA guidelines compliance                                   |
| Asbestos-Free         | Products shall contain no asbestos.   |
| Flammability          | ASTM E 648; NFPA 253; NBSIR 75 950 result to be not less than 0.45 watts per square centimeter, Class 1   |
| Smoke Density         | ASTM E 662, NFPA 258, NBS smoke density, less than 450  |
| Burn Resistance       | Solder burn resistant   |
| Halogen-Free          | Products shall contain no halogens  |
| PVC-Free              | Products shall contain no poly-vinyl-chloride   |
| Conductivity          | <math>1.0 \times 10^6</math> resistance to ground when tested according to ASTM F 150 and ESD.S7.1 under >30% relative humidity at room temperature |
| Decay Time            | .025 seconds for Staticworx when tested according to FTM 4046 101   |
| Static Generation     | <math>20</math> volts when tested according to ESD STM 97.2   |
| System resistance     | <math>1.0 \times 10^6</math> per ANSI/ESD STM 97.1 with conductive footwear (meets or exceeds recommended guidelines of ANSI/ESD S20.20)            |

### Staticworx Aisle-Safe ESD Rubber benefits:

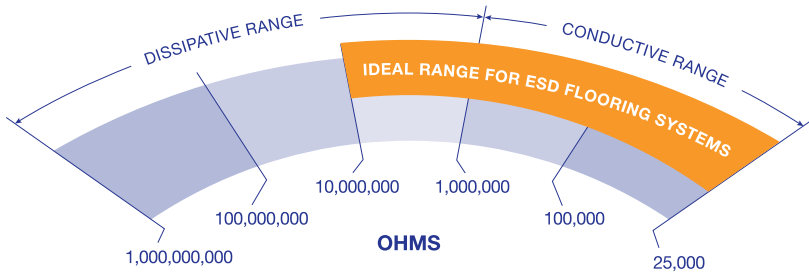
- Easy to maintain, never needs conductive wax
- Helps minimize production loss and rejects
- Resistant to most oils and grease
- Chemical and hot solder resistant
- Withstands forklift/heavy wheeled traffic up to 850 PSI rolling load
- Slip resistance in compliance with ADA guidelines

### Staticworx Aisle-Safe ESD Rubber is ideal for:

- Electronics manufacturing, assembly, test and repair
- Offices inside electronics manufacturing or test areas
- Any area where circuit boards are handled or used
- Engineering areas
- Design areas
- Research and development
- Electronics labs
- Access floors
- Networked offices
- Hospitals
- 911 call centers
- Data centers
- Flight towers
- Command centers
- Casinos
- Communications Industry: TV & radio studios
- Retail environments

The information presented is accurate and current but may be subject to change without notice.

Staticworx Aisle-Safe rubber mats/runners provide superior ESD protection with an electrical resistance to ground within the ideal range for ESD Class Zero environments.



This ideal range regarding electrical resistance for ESD flooring systems is defined in ANSI/ESD S20.20-2007 for system resistance.

**Please note:** Only the **Staticworx EC Series** (Electrically Conductive rubber tile system) is recommended for ESD Class Zero applications.