## STATFREE T2 PLUS™ DISSIPATIVE RUBBER

### Specifications

**Standard Document**
- ANSI/ESD S20.20

**Meets Requirements of:**
- Worksurface

### Electrical Properties

**Typical Values**
- Dissipative Surface Layer
  - Rtt Resistance: $1 \times 10^6$ to $<1 \times 10^9$ ohms
  - Rtg Resistance: $1 \times 10^6$ to $<1 \times 10^9$ ohms

**Test Procedures/Method**
- ANSI/ESD S4.1 and ESD TR53

### Ground Plane Layer

- Rtt Resistance: $<1 \times 10^6$ ohms
- ANSI/ESD S4.1 and ESD TR53

### Physical Properties

**Construction:** Dual-layer rubber material

**Thickness:** 0.060” (1.5mm)

**Color:** Blue (Top), Dark Blue (Top), Dark Grey (Top), Green (Top), Black (Bottom)

**Embossing:** Slight Texture

**Weight:** 0.43 lbs./sq. ft. (0.2g/cm²)

**Hardness:** 65 ± 5 Shore “A”, per ASTM-D2240

### Other Properties

**Heat Resistance:** Does not melt or burn when coming into contact with hot solder and soldering irons.

**Chemical Resistance:** Resistance to degradation by inorganic acids, organic acids, reducing agents, aliphatic hydrocarbons, mineral oil, aldehydes, and amines.

**Oil Absorption Resistance:** Resists oil absorption to maintain physical and electrical properties.

### Grounding & Cleaning

- If the material is used on top of an already properly grounded surface, grounding hardware may not be necessary. Where no properly grounded surface is available, grounding hardware is required to provide a path-to-ground. Rtg compliance verification measurements must be made as outlined in ESD TR53 with a surface resistance meter.

- See Tech Bulletin TB-7000 for Reztore® Surface & Mat Cleaner Application Instructions.

### Tolerances:

- **Width:** ±0.250"
- **Length:** ±0.250” every 1 linear foot of running material.

### Limited Lifetime Warranty:

- Desco warrants for one year that Statfree® matting products will be free of defects in materials and workmanship and will guarantee dissipative/conductive mat properties for the life of the mat. Damage to matting caused by misuse of any kind, including using inappropriate cleaners is not covered by Desco Limited Warranty.

### RoHS 3, REACH, and Conflict Minerals Statement


### Application Instructions

To apply the material:
- If the material is used on top of an already properly grounded surface, grounding hardware may not be necessary. Where no properly grounded surface is available, grounding hardware is required to provide a path-to-ground. Rtg compliance verification measurements must be made as outlined in ESD TR53 with a surface resistance meter.

- **For product listings,** [Click Here](#)

### Made in the United States of America

**2-Layer**

**Color Dissipative Layer**

**Conductive Black Layer**

**0.060”**

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**STATFREE T2 PLUS™ DISSIPATIVE, RUBBER, 2-LAYER, 0.060”** (1.5mm)

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