**STATFREE® T2 PLUS DISSIPATIVE RUBBER**

### Specifications

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

**Electrical Properties**

<table>
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<tr>
<th>Surface Layer</th>
<th>Typical Values</th>
<th>Test Procedures/Method</th>
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</thead>
<tbody>
<tr>
<td>Rtt Resistance</td>
<td>$1 \times 10^6$ to $&lt; 1 \times 10^9$ ohms</td>
<td>ANSI/ESD S4.1 and ESD TR53</td>
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**Ground Plane Layer**
- Rtt Resistance: $< 1 \times 10^6$ ohms

**Physical Properties**

- Construction: Dual-layer rubber material¹
- Thickness: 0.060" (1.5mm)
- Color:² Blue (Top), Dark Blue (Top), Dark Grey (Top), Green (Top), Black (Bottom)
- Embossing:² Slight Texture
- Weight: 0.43 lbs./sq. ft. (0.2g/cm^2)
- 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.

¹Rubber material is vulcanized and may contain sulfur
²Color and texture may vary between lots and mills

### Tolerances:

- Width ± 0.250"
- Length ± 0.250" every 1 linear foot of running material.
- Thickness ±10%

Matting materials have a tendency to shrink slightly when first unrolled. In applications where length is critical, allow the material to condition for at least 4 hours before cutting to size. Always using care trim with a sharp knife or razor blade.

*Color and texture may vary between lots and mills.

For product listings, [Click Here](#).

**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.

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**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.

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


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Specifications and procedures subject to change without notice.