



# STATFREE T2™ DISSIPATIVE RUBBER



**2-Layer**

## Specifications

### Standard Document

ANSI/ESD S20.20

### Meets Requirements of:

Worksurface

### Electrical Properties

#### Dissipative Surface Layer

Rtt Resistance:

1 x 10<sup>6</sup> to < 1 x 10<sup>9</sup> ohms

Rtg Resistance:

1 x 10<sup>6</sup> to < 1 x 10<sup>9</sup> ohms

### Test Procedures/Method

ANSI/ESD S4.1 and ESD TR53

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#### Ground Plane Layer

Rtt Resistance:

< 1 x 10<sup>6</sup> ohms

ANSI/ESD S4.1 and ESD TR53

### Physical Properties

Construction:

Dual-layer rubber material<sup>1</sup>

Thickness:

0.060" (1.5mm)

Color:<sup>2</sup>

Blue (Top), Dark Blue (Top), Dark Grey (Top), Green (Top), Black (Bottom)

Embossing:<sup>2</sup>

Slight Texture

Weight:

0.43 lbs./sq. ft. (0.2g/cm<sup>2</sup>)

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.

<sup>1</sup>Rubber material is vulcanized and may contain sulfur.

<sup>2</sup>Color 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.

For product listings, [Click Here](#)

\*\*Tray liners have 3/4" radius corners and do not include grounding hardware.



Made in the United States of America

### 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.

### 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

See the Desco Industries RoHS 3, REACH, and Conflict Minerals Statement:

<http://www.descoindustries.com/ROHS3.aspx>

See the Desco Limited Warranty:

<http://desco.descoindustries.com/Limited-Warranty.aspx>

See the Desco Disclaimer:

<http://desco.descoindustries.com/Disclaimer.aspx>

Specifications and procedures subject to change without notice.

# DESCO

## STATFREE T2™ DISSIPATIVE, RUBBER, 2-LAYER, 0.060" (1.5mm)

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MATERIAL  
STATFREE T2™  
DRAWING PM-104

DATE:  
May  
2020