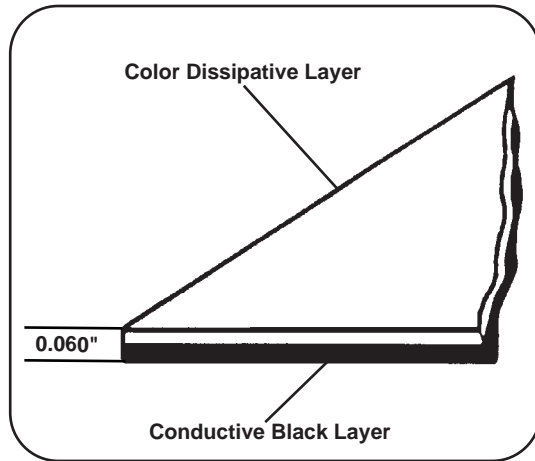




# STATFREE T2™ DISSIPATIVE RUBBER



**2-Layer**

## Specifications

### Standard Document

ANSI/ESD S20.20

### Electrical Properties

#### Dissipative Surface Layer

Rtt Resistance:

Rtg Resistance:

#### Ground Plane Layer

Rtt Resistance:

### Typical Values

$1 \times 10^6$  to  $< 1 \times 10^9$  ohms

$1 \times 10^6$  to  $< 1 \times 10^9$  ohms

$< 1 \times 10^6$  ohms

### Meets Requirements of:

Worksurface

### Test Procedures/Method

ANSI/ESD S4.1 and ESD TR53

ANSI/ESD S4.1 and ESD TR53

ANSI/ESD S4.1 and ESD TR53

### Physical Properties

Construction:

Thickness:

Color:<sup>2</sup>

Embossing:<sup>2</sup>

Weight:

Hardness:

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

0.060" (1.5mm)

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

Slight Texture

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

65  $\pm$  5 Shore "A", per ASTM-D2240

### Other Properties

Heat Resistance:

Chemical Resistance:

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

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  $\pm$  0.250"

Length  $\pm$  0.250" every 1 linear foot of running material.

Thickness  $\pm$  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.

### 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](#).

### 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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Visit us at [www.TestEquipmentDepot.com](http://www.TestEquipmentDepot.com)



Made in the  
United States of America

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

Specifications and procedures subject to change without notice.

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

# DESCO

MATERIAL  
STATFREE T2™  
DRAWING PM-104

DATE:  
May  
2020