

STATFREE® T2 PLUS DISSIPATIVE RUBBER



Specifications

Standard Document

ANSI/ESD S20.20

Meets Requirements of:

Worksurface

Electrical Properties

Dissipative Surface Layer

Rtt Resistance:

1×10^6 to $< 1 \times 10^9$ ohms

ANSI/ESD S4.1 and ESD TR53

Rtg Resistance:

1×10^6 to $< 1 \times 10^9$ ohms

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 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/cm²)

Hardness:

65 \pm 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 \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.

*Color and texture may vary between lots and mills.



Made in the
United States of America

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

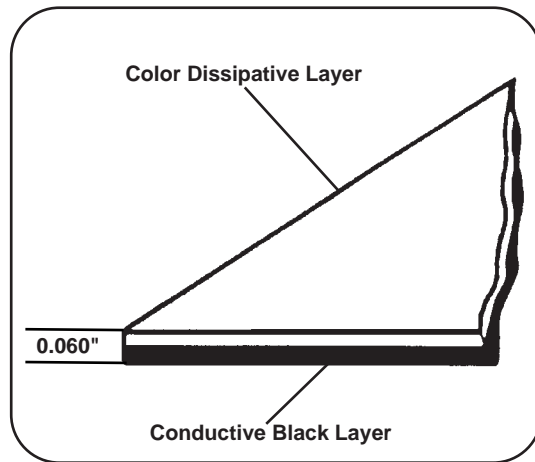
STATFREE® T2 PLUS DISSIPATIVE, RUBBER, 2-LAYER, 0.060" (1.5mm)

DESCO

MATERIAL
STATFREE® T2 Plus
DRAWING PM-132

DATE:
March
2021





2-Layer

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:

Specifications and procedures subject to change without notice.

DESCO

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