



STATFREE T2™ DISSIPATIVE RUBBER



2-Layer

Specifications

Standard Document

ANSI/ESD S20.20

Meets Requirements of:

Worksurface

Electrical Properties

Dissipative Surface Layer

Rtt Resistance: 1×10^6 to $< 1 \times 10^9$ ohms
Rtg Resistance: 1×10^6 to $< 1 \times 10^9$ ohms

Ground Plane Layer

Rtt Resistance: $< 1 \times 10^6$ ohms

Typical Values

Test Procedures/Method

ANSI/ESD S4.1 and ESD TR53
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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 ± 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.

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.

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

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

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MATERIAL
STATFREE T2™
DRAWING PM-104

DATE:
May
2020

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