



STATFREE® B2 PLUS DISSIPATIVE VINYL

Specifications

Standard Document
ANSI/ESD S20.20

Meets Requirements of:
Worksurface

Electrical Properties
Dissipative Surface Layer

Typical Values

Test Procedures/Method

Rtt Resistance:
Rtg Resistance:

1×10^6 to $< 1 \times 10^9$ ohms
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ANSI/ESD S4.1 and ESD TR53
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Ground Plane Layer

Rtt Resistance:

$< 1 \times 10^6$ ohms

ANSI/ESD S4.1 and ESD TR53

Physical Properties

Construction:

Multi-layer vinyl, dissipative top layer, conductive mesh inner layer (x2),
conductive bottom layer

Thickness:

0.080" (2 mm), nominal $\pm 10\%$

Color:*

Blue or Green (top side), Black (bottom side)

Texture:*

KidGrain (top side), Textured (bottom side)

Hardness:

85 ± 5 Shore "A", per ASTM-D2240

*Color and texture may vary between lots and mills

Tolerances:

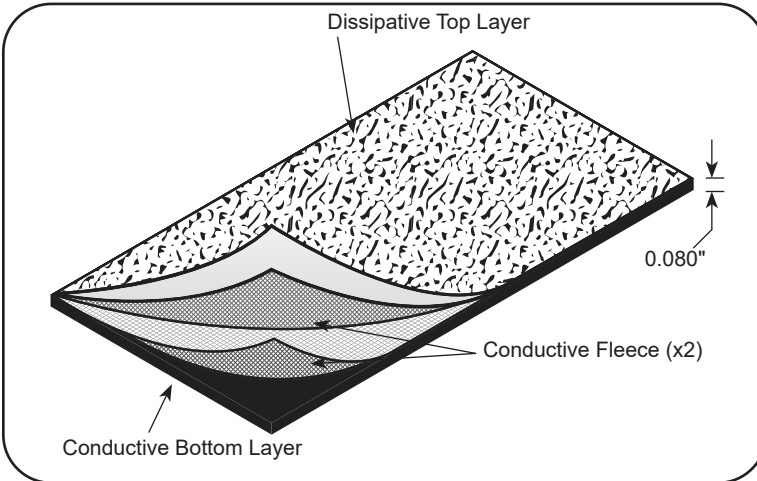
Width ± 0.250 "

Length ± 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.

For product listings, [Click Here](#)



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](#).

Desco Regulatory Statement

See the Desco Industries Regulatory Statement:
<http://www.descoindustries.com/pdf/Regulatory.pdf>

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® B2 PLUS 3 LAYER VINYL ESD MATTING, 0.080" THICKNESS

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STATFREE® B2 PLUS
DRAWING PM-134

DATE:
April
2023



Made in the United
States of America

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