



# 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:

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

ANSI/ESD S4.1 and ESD TR53  
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:

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:

$85 \pm 5$  Shore "A", per ASTM-D2240

\*Color and texture may vary between lots and mills

**Tolerances:**

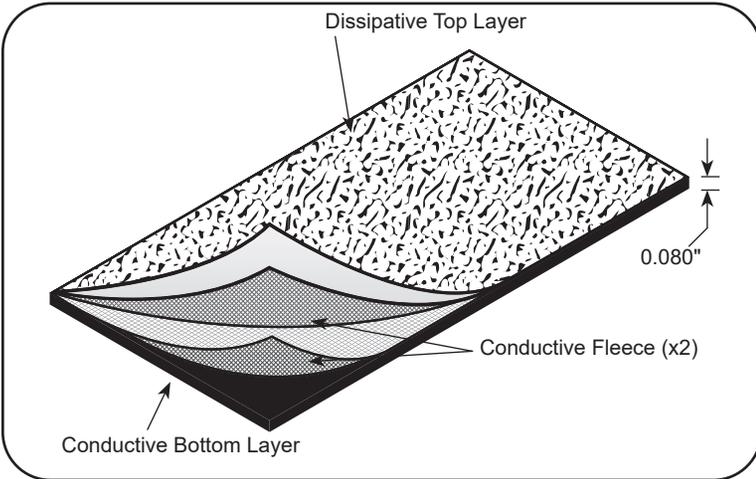
Width  $\pm 0.250$ "

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.

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>



Made in the United States of America

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

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

DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: [Desco.com](#)  
PHONE (909) 627-8178

DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407  
PHONE (781) 821-8370

STATFREE® B2 PLUS  
DRAWING PM-134

DATE:  
April  
2023

Specifications and procedures subject to change without notice.

# DESCO