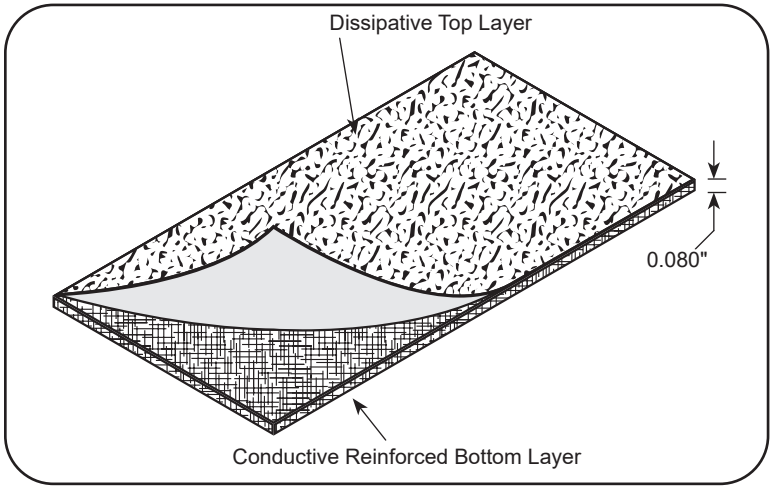


STATFREE® B2 PLUS DISSIPATIVE VINYL

Specifications

Standard Document
ANSI/ESD S20.20

Meets Requirements of:
Worksurface

Electrical Properties	Typical Values	Test Procedures/Method
Dissipative Surface Layer		
Rtt Resistance:	1 x 10^6 to < 1 x 10^9 ohms	ANSI/ESD STM4.1 and ESD TR53
Rtg Resistance:	1 x 10^6 to < 1 x 10^9 ohms	ANSI/ESD STM4.1 and ESD TR53
Ground Plane Layer		
Rtt Resistance:	< 1 x 10^6 ohms	ANSI/ESD STM4.1 and ESD TR53

Physical Properties

Construction:	Multi-layer vinyl, dissipative top layer, reinforced conductive bottom layer
Thickness:	0.080” (2 mm), nominal ± 10%
Color:*	Blue, Green, Light Gray, or Black (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

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-7062 for Reztore® Alcohol-Free 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 Regualtory 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

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**

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® B2 PLUS 2-LAYER VINYL ESD MATTING, 0.080" THICKNESS

DESCO

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STATFREE® B2 PLUS
DRAWING PM-134

DATE:
Janurary
2025

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Employee Owned