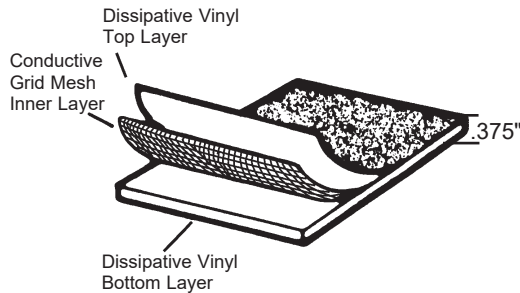




Made in the United States of America



Description:

Statfree® O material meets the required limit from ANSI/ESD S20.20 worksurface and recommendation from ANSI/ESD STM4.1 for an ESD worksurface in an ESD Protected Area. The material provides a surface that will not generate a charge and will control the discharge rate from all conductors (including ESD susceptible items) when placed on the grounded mat. Statfree® O material is a .375 inch thick 3-layer heat fused composite design. The top layer is lightly embossed dissipative hard vinyl, the middle layer is a conductive mesh to provide a path to ground and allows the mat to be used with continuous monitors, and bottom layer is an extra thick softer dissipative vinyl for protecting products from physical shock.

Electrical Properties:

Property	Test Method	Value
Rtg Resistance:	ANSI/ESD STM4.1	1 X 10 ⁶ to < 1 X 10 ⁹ ohms
Rtt Resistance:	ANSI/ESD STM4.1	1 X 10 ⁶ to < 1 X 10 ⁹ ohms

Specifications:

Construction: 3-Layer vinyl
 Thickness: 0.375" (9.5mm)
 Texture:* Lightly embossed
 Colors:* Blue

*Color and texture may vary between lots and mills

Grounding: This material must be properly grounded for optimum electrical performance. Ask for Technical Bulletin [TB-2000](#) for mat grounding instructions.

Cleaning: For optimum electrical performance, surface must be cleaned regularly using an ESD mat cleaner. We suggest using our [Reztore™ Surface & Mat Cleaner](#) Item #10435. Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.

Disclaimer:

All statements, technical data, and recommendations contained herein are based upon tests we believe to be reliable. However, the accuracy or completeness thereof is not guaranteed. The proper and correct applications of products and data is the responsibility of the user. Statements or recommendations not contained herein shall have no force or effect unless embodied in a written agreement signed by authorized officers of Desco Industries, Inc.

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>

Item No.	Description
65000	24" x 60' (0.6m x 18.3m) roll
65001	30" x 60' (0.8m x 18.3m) roll
65002	36" x 60' (0.9m x 18.3m) roll

Tolerances:

Width ± .250"
 Length ± .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 relax for at least 4 hours before cutting to size. Always trim with a sharp knife or razor blade.

Specifications and procedures subject to change without notice

STATFREE® O MATERIAL, VINYL, DISSIPATIVE, 3-LAYER, .375" (9.5MM)

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DRAWING NO.

PM-116

DATE:

Feb 2024

