



**Black**

**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 offers 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.

**RoHS Compliance Statement**

None of the following materials are intentionally added in manufacturing this product: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as outlined in the Directive 2002/95/EC Article 4.1. See Desco Industries Inc. letter on-line at [Desco.com](http://Desco.com).

**Tolerances:**

Width ± 0.250"  
Length ± 0.250" every 1 linear foot of running material.

**Description:**

Desco's Statfree® J material is a 0.125" thick, dissipative cellular foam rubber. It is designed to provide a path to ground and eliminate static charge generation when used as a worksurface table mat, shelf liner, and cart liner. The surface resistance (10E6 - 10E8 ohms Rtt) meets ANSI/ESD S20.20 worksurface required limit and recommendation of ANSI/ESD S4.1 for contact with ESD susceptible items. Statfree® J has a non-slip texture and provides a cushioned surface for use with ESD susceptible items.



Made in the United States of America

**Electrical Properties:**

Property	Test Method	Value
Rtt Resistance:	ESD S4.1	10E6 - 10E8 ohms
Rtg Resistance:	ESD S4.1	10E6 - 10E8 ohms

Electrical Properties obtained by testing to industrial standards by an independent testing laboratory @ 100 Volts and 50% relative humidity unless otherwise specified. Complete text of the test report is available upon request.

**Specifications:**

Construction:	Cellular foam rubber
Thickness:	0.125" (3.2mm) ±10%
Surface:	Textured surface
Hardness:	45 Shore "A", per ASTM-D412
Temperature Range:	-20°F to 160°F
Weight:	0.28 lbs. per square foot
Density:	Average - 24 lbs. per cubic foot
Corner Radius:	0.75"

	Machine Direction	Cross Machine Direction
Tensile Strength (Minimum)	70 PSI	45 PSI
Tensile Strength - Die "b" (PPI Minimum)	20 PSI	15 PSI

**Grounding:** This material must be properly grounded for optimum electrical performance. See 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 [Rezstore Surface & Mat Cleaner](#). Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.

**Tray Liner Item Number**

Size	Black
16" x 24"	<a href="#">45010</a>

Tray Liner has 0.75" radius corners and includes double-sided tape on reverse side for adhering to trays

**Roll Material Item Number**

Size	Black
24" x 40'	<a href="#">45000</a>

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 J™ DISSIPATIVE SHOCK RESISTANT FOAM RUBBER, 0.125" (3.2MM)**



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STATFREE J™  
DRAWING PM-114

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