



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 2, REACH, and Conflict Minerals Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and regulation (EC) No. 1907/2006/CE. See Desco Industries Inc. letter on-line at 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 (1×10^6 to $< 1 \times 10^9$ ohms Rtt) meets ANSI/ESD S20.20 worksurface required limit and recommendation of ANSI/ESD S4.1 for contact with ESD susceptible items tested per ESD TR53. Statfree® J has a non-slip texture and provides a cushioned surface for use with ESD susceptible items.

Electrical Properties:

Property	Test Method	Value
Rtt Resistance:	ANSI/ESD S4.1 & ESD TR53	1×10^6 to $< 1 \times 10^9$ ohms
Rtg Resistance:	ANSI/ESD S4.1 & ESD TR53	1×10^6 to $< 1 \times 10^9$ ohms

Specifications (typical values):

Construction:	Cellular foam rubber
Thickness:	0.125" (3.2mm) $\pm 10\%$
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

*Color and texture may vary between lots and mills

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

Cleaning: For optimum performance, periodic cleaning is required following manufacturer's recommendations. Reztore™ Surface & Mat Cleaner or equivalent is recommended to clean and maintain your mat. See Tech Bulletin [TB-7000](#) for Reztore™ Surface & Mat Cleaner Application Instructions. See [TB-2000](#) for guidelines regarding the maintenance and cleaning of ESD Mats.

Tray Liner Item Number

Size	Black
16" x 24"	45010

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'	45000

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. Using care 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)

DESCO

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 J™
DRAWING PM-114

DATE:
January
2015



Made in the
United States of America