

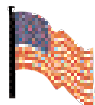


Black

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.

**See reverse side for available
mat and roll sizes.**



Made in America

Description:

Natural dissipative shock resistant foam rubber. This resilient non-skid foamed rubber provides an effective means of eliminating static charges. It was designed to line "cafeteria" style dissipative trays. For use on mobile process carts, and as liners for shelves, bins, and drawers or other areas where ESD sensitive parts are fragile and require cushioning. Meets worksurface and shelving requirements of ANSI/ESD S20.20 and recommendation of ESD S4.1.



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.

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.

Specifications:

Construction:	Natural dissipative 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"

Tensile strength (Minimum)	Tear Strength – Die "B" (PPI) Minimum)	Elongation – (% Minimum)
Machine direction	Machine direction	Machine direction
Cross machine direction	Cross machine direction	Cross machine Direction
70 PSI	20	200
45 PSI	15	175

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

Cleaning: Use only ESD mat cleaner such as Reztore™ Surface & Mat Cleaner to clean and extend mat useful life. Do not use cleaners containing silicone as silicone will create an insulative film on the surface. Do not use solvent based cleaners as solvents will dry out matting and may cause curling.

STATFREE J™ DISSIPATIVE SHOCK RESISTANT FOAM RUBBER, .125" (3.2MM)

DESCO

DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: Desco.com
PHONE (909) 627-8178 FAX (909) 627-7449
DESCO EAST: 90 HUDSON RD, CANTON, MA 02021-1407
PHONE (781) 821-8370 FAX (781) 575-0172

MATERIAL STATFREE J™
DRAWING PM-114

DATE:
10/07

Item Number Reference For Statfree J™ Rubber, Dissipative, Shock Resistance Foam

MATS

Mat Top Item Numbers

SIZE	BLACK
16" x 24" (0.4m x 0.6m)	45010

*Item 45010 has 1" radius corners.

Tolerances:

Width +/- .250"

Length +/- .250" every 1 linear foot of running material.

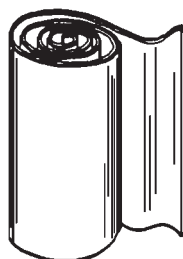
ESD Cushioning Protects
Fragile Parts



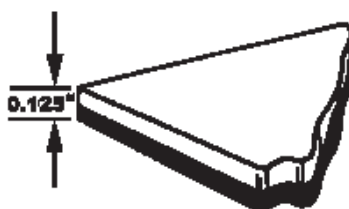
Look for the Statfree® brand on Desco ESD matting. All Desco mat top kits are permanently marked for your protection and auditing purposes.

ROLL STOCK

Statfree J™
Is Also
Available In
Full
Rolls



0.125" (3.2mm)
THICK ROLLS



Roll Stock Item Number

SIZE	BLACK
24" x 40' (0.6m x 12.2m)	45000

Hardware is not included with rolls.

Grounding Intervals for ESD Mats

Sufficient ground cords should be used to reliably meet ANSI/ESD S20.20 Table 1 less than 1×10^9 ohms for worksurfaces. An industry recommendation has been that continuous runs of ESD matting should be grounded at ten-foot intervals to allow proper charge decay rates with each individual ESD mat should be grounded with ground snap located no further than five feet from either end.



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.