



Black

Disclaimer:

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**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:

<u>Property</u>	<u>Test Method</u>	<u>Value</u>
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

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

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MATERIAL STATFREE J™

DRAWING PM-114

DATE:
10/06

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.

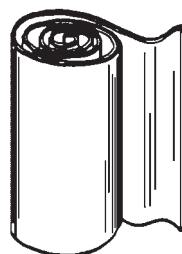
ESD Cushioning Protects
Fragile Parts



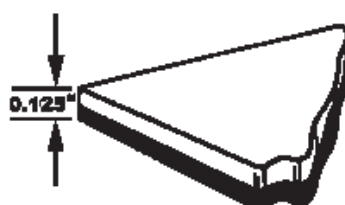
Look for the Statfree® brand on Desco
ESD matting. All Desco mat top kits are
permanently marked for your
protection and auditing purposes.

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.