



Dark Blue

Description:

Two Layer Rubber meets the worksurface required limits of ANSI/ESD S20.20 of $< 1 \times 10^9$ ohms. When properly grounded, the purpose of the Two Layer Rubber worksurface is two-fold. (1) To provide a surface where electrostatic charges are limited, and (2) To provide a surface that will remove charges from all conductors (including ESD susceptible devices and assemblies) that are placed on the surface. Where potential CDM (Charged Device Model) damage is a concern, the worksurface should have a lower limit of 1×10^6 ohms removing charges at a slower rate. Surfaces that are $< 10^6$ ohms can discharge ESD susceptible items too quickly. A variety of standard size mats are provided for ESD workstations, shelves, carts or cafeteria-style trays in an ESD Protected Area.

Two Layer Rubber is suitable for use with continuous monitors.

Grounding Intervals for ESD Mats

Sufficient ground cords should be used to reliably meet ANSI/ESD S20.20 Table 3 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.

Specifications:

Construction: Two Layer Rubber
Thickness: 0.060" (1.5mm) -0+10%
Texture:* Smooth on both sides
Colors:* Dark Blue (top) and Black (bottom)

*Color, texture, and gauge may vary between lots and mills

Grounding: This material must be properly grounded for optimum electrical performance.

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 or Static-Wipes Item #10600. Do not use cleaners that are not specifically designed for ESD control use. As they can contain chemicals and/or leave residue that will alter the ESD and physical properties.

Electrical Properties:

Property	Test Method	Value
RTG Resistance (dark blue):	ANSI/ESD S4.1	10E6 – 10E8 ohms
RTT Resistance (dark blue):	ANSI/ESD S4.1	10E6 – 10E8 ohms
RTT Resistance (black):	ANSI/ESD S4.1	<10E5 ohms

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.

Mat Top Kit Item Numbers

Size	Dark Blue
24" x 36"	66184
24" x 48"	66186
36" x 72"	66189
16" x 24"	66185*

MAT TOP KIT INCLUDES

1 Benchmat, Two Layer Rubber, size as specified
 1 Grounding Cord

*Item [66185](#) has 1" radius corners and does not include grounding hardware.

ROLL STOCK ITEM NUMBERS

Size	Dark Blue
24" x 50'	66180
36" x 50'	66182
48" x 50'	66183

Hardware is not included with rolls.

Tolerances:
 Width $\pm .250"$
 Length $\pm .250"$ every 1 linear foot of running material.



Made in America

Limited Warranty:

Desco warrants for 90 days that matting products will be free of defects in materials and workmanship. Damage to matting caused by misuse of any kind, including using inappropriate cleaners is not covered by Desco Limited Warranty.

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

TWO LAYER RUBBER .060" thickness

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MATERIAL:
 Dual-Layer Rubber
 DRAWING PM-128

DATE:
 May
 2010

DESCO

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Desco:

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