



ESD Green

The premium choice for ESD bench dissipative worksurfaces. Provides a durable and attractive ESD controlled dissipative worksurface. Resists hot solder and most solvents; exceeds NEMA standards for wear resistance. Patented conductive layer provides superior charge dissipation and zero voltage suppression.

Electrical Properties:

Because the electrical properties of many high pressure laminates have some degree of humidity dependence, all high pressure laminate materials should be carefully tested for adequate performance at low humidity prior to selection and installation.

<u>Property</u>	<u>Value</u>	<u>Test Method</u>
RTT:	10E6 - 10E9 ohms	ESD S4.1, DIN 53 276
RTG:	10E6 - 10E9 ohms	ESD S4.1, ASTM, F-150-72 NFPA-99, DIN 53 276
RVOL:	Less than 10E8 ohms	ASTM-D257
Charge Decay:	<0.009 seconds	FTMS-101C, Method 4046

Measured at 50% and 12% relative humidity. Test reports available upon request.

Color and texture may vary between lots and mills.

Micastat is a registered trademark manufactured under the following U.S. Patents: 4,454,199; 4,455,350; 4,589,954; 4,645,717

Specifications:

- Construction: High pressure thermoset amino resin laminate
- Thickness: Nominal 0.038" (0.96mm)
- Surface: Top - non-glare matte finish
- Post Forming: 5/8" radius, NEMA LD 3.14
- Weight: 0.31 lbs/sq ft (0.151 grams/cm²)
- Abrasion Resistance: Exceeds NEMA LD 3-3.01 Standards
- Chemical Resistance: Unaffected by most solvents
- Heat Resistance: NEMA LD 3-3.06, 160°F (71°C) continuous

Cleaning: For optimum electrical performance of your ESD mat surface, clean regularly with an ESD mat cleaner. We suggest using Reztore™ Surface & Mat Cleaner, Item #10435 or Static-Wipes Item #10600. Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.

Grounding: This material must be properly grounded for optimal electrical performance. Ask for Technical Bulletin P-2000 for grounding instructions.

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.

LAMINATE, DISSIPATIVE, MICASTAT, LEAD-FREE AREA

DESCO

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MATERIAL TYPE
MICASTAT
DRAWING 10393

DATE:
02/06

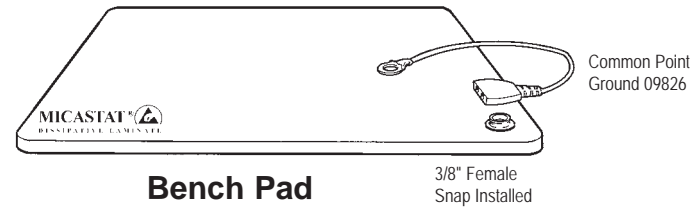
Item Number Reference For Micastat® Dissipative Laminate

Micastat® Kits - Item Numbers

Color/Size	24" x 36"	24" x 48"
ESD Green	10393	10394

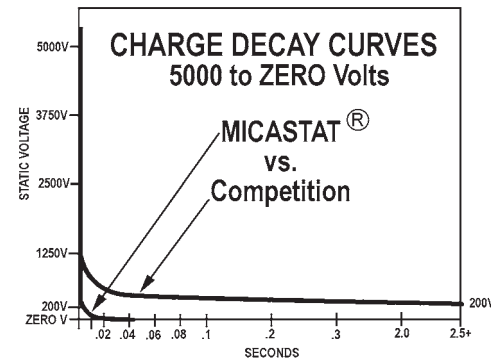
Hardware Included

*Special sizes available upon request.
Top -- non-glare matte finish.
Bottom -- Double sided tape to attach.*



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.



**Look for the Micastat®
brand on Desco
laminated sheets - for
your protection and
auditing purposes.**

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.