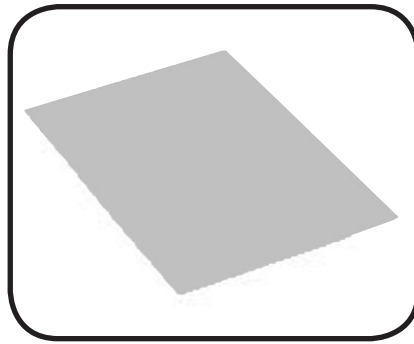


ESD Beige



ESD Grey

Specifications:

- Construction:** High pressure thermoset amino resin laminate
- Thickness:** Nominal 0.97mm
- Surface:** Top - non-glare matte finish
- Post Forming:** 15.87mm radius, NEMA LD 3.14
- Weight:** 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, 71°C continuous



Cleaning: For optimum electrical performance of your ESD mat surface, clean regularly with an ESD mat cleaner. Vermason suggests using Reztore™ Surface & Mat Cleaner, Item #229021. 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 [TB-7047](#) for grounding instructions.

Colour and texture may vary between lots and mills.

Size in Meters	ESD Beige	ESD Grey
0.76 x 3.05	210960	210961
0.91 x 3.05	210962	210963
0.91 x 3.66	210964	210965
1.22 x 2.44	210966	210967
1.22 x 3.66	210968	210969
1.52 x 3.05	210970	210971
1.52 x 3.66	210972	210973

Special sizes available upon request. Top -- non-glare matte finish. Grounding hardware not included. Micastat® Ground Kits [210977](#) and [210978](#) are recommended. Ask for Technical Bulletin [TB-7047](#) for further information.

*NOTE: Sizes of mat materials are nominal dimensions.

Description	Item
Grounding System, Laminate	210975
Micastat® Tool Installation	210976
Micastat® Ground, Flush Mount Insert	210977
Micastat® Ground, Flush Mount	210978

Tolerances:
 Width ± 6.35mm
 Length ± 6.35mm every 1 linear foot of running material.

Per EN 61340-5-1 Table 3 Note 6 "NOTE 6 In situations where charged device model (CDM) damage is a concern a lower point to point resistance limit of 1x10E4 ohms is recommended."

Specifications and procedures subject to change without notice.

Electrical Characteristics:

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.

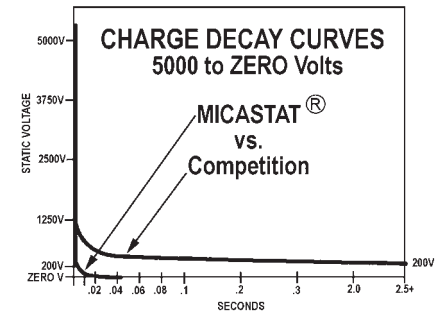
Rp-p: 10E6 – 10E9 ohms.

Rg: 10E6 -10E9 ohms meets IEC 61340-4-1

Charge Decay: <0.009 seconds per FTMS-101C, Method 4046

Voltage Suppression: 0 volts meets ETS Method

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



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 [Vermason.co.uk](#)

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.



Micastat® Dissipative Laminate

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Drawing Number
 210960

DATE:
 April
 2011