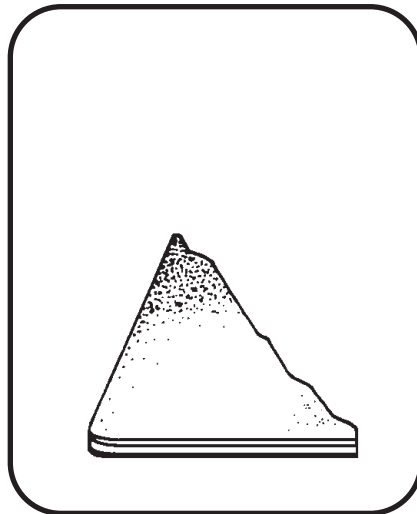


ESD Beige



ESD Grey

Specifications:

Construction: High pressure thermoset amino resin laminate
 Thickness: Nom. 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. Charleswater Europe suggests using Reztore™ Surface & Mat Cleaner, Item #71021. 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 PPE-5035.E for grounding instructions.

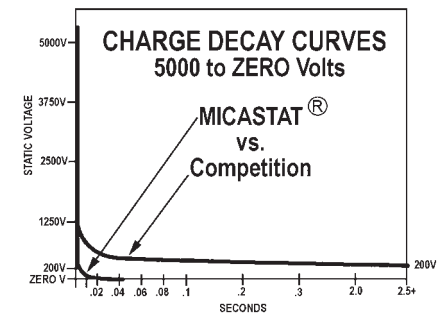
Colour and texture may vary between lots and mills.

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: 10⁶ - 10⁸ Ohms
 Rg: 10⁶ - 10⁸ Ohms
 per IEC 61340-4-1
 Charge Decay: <0.009 seconds
 per FTMS-101C, Method 4046
 Voltage Suppression: 0 volts
 per ETS Method

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



SIZE (m)*	ESD BEIGE	ESD GREY
0.76 x 2.4	90022	90066
0.76 x 3.0	90024	90068
0.76 x 3.6	90026	90070
0.91 x 2.4	90028	90072
0.91 x 3.0	90030	90074
0.91 x 3.6	90032	90076
1.2 x 2.4	90034	90078
1.2 x 3.0	90035	90079
1.2 x 3.6	90036	90080
1.5 x 2.4	90038	90082
1.5 x 3.0	90040	90084
1.5 x 3.6	90042	90086

*Special sizes available upon request.
 Top -- non-glare matte finish.
 Grounding hardware not included.
 Micastat® Ground Kits 90204 and 90202 are recommended.
 Ask for Technical Bulletin PPE-5035.E for further information.
 NOTE: Sizes of mat materials are nominal dimensions.

Micastat® is a registered trademark of Desco Industries, Inc. and is manufactured under one or more of the following U.S. patents: 4,454,199, 4,455,350, 4,589,954, 4,645,717, 4,454,199.
 European Patent No. 0 134 811.

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 Charleswater.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.

"It should be understood that any object, item, material or person could be a source of static electricity in the work environment. Removal of unnecessary nonconductors, replacing nonconductive materials with dissipative or conductive materials and grounding all conductors are the principle methods of controlling static electricity in the workplace, regardless of the activity." [ESD Handbook TR 20.20 section 2.4]



Laminate, Dissipative, Micastat®

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DATE:
6/06