



Grey

Description:

Micostat® is a static dissipative high pressure thermoset amino resin laminate. It is designed to provide a path to ground and eliminate static charge generation when used as a working surface. The surface resistance (< 10⁹ ohms Rtg) meets EN 61340-5-1 working surface required limit for contact with ESD susceptible items. The conductive layer of Micostat® laminate is a uniform conductive layer that creates a consistent path-to-ground. Micostat® resists hot solder, most solvents and exceeds NEMA standards for wear resistance.



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.

Property	Value	Test Method
Rtg:	< 10 ⁹ ohms	IEC 61340-2-3
RVOL:	< 1 x 10 ⁸ ohms	ASTM-D257
Charge Decay:	<0.009 seconds	FTMS-101C, Method 4046

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

Specifications:

- Construction:** High pressure thermoset amino resin laminate
- Thickness:** Nominal 0.96mm
- Colours:*** Grey
- Top:** Non-glare matte finish.
- Radius:** 38.1mm radius corner
- Surface:** Top - non-glare matte finish
- Post Forming:** 15.9mm 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

*Colour and texture 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 Reztore™ Surface & Mat Cleaner. Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.



Mat Kit

Micostat® Mat Kits - Item Numbers

Colour	0.6m x 1.2m**	0.6m x 0.9m**
Grey	122-9147	122-9146

Grounding Hardware Included

Bottom -- Double sided tape to attach.

****Tolerance for Kits Only:**

Width ± 0.635mm
 Length ± 0.635mm every 1 linear foot of running material.
 Thickness ±10%

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. Using care, always trim with a sharp knife or razor blade.



Made in the United States of America

Specifications and procedures subject to change without notice.

Micostat® Dissipative Laminate



RS COMPONENTS LTD.
 BIRCHINGTON ROAD, CORBY,
 NORTHANTS, NN17 9RS, UK

MICASTAT
 DRAWING
 RS-122-9146

DATE:
 July
 2016