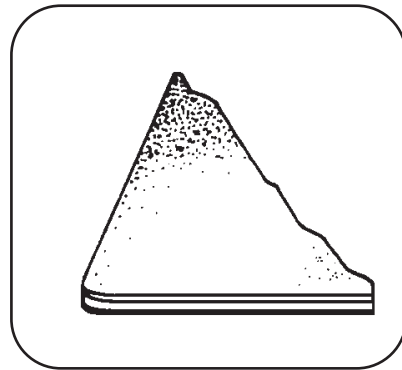
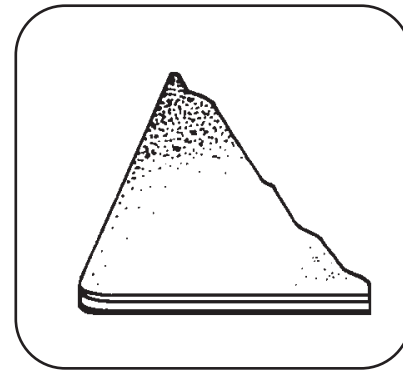


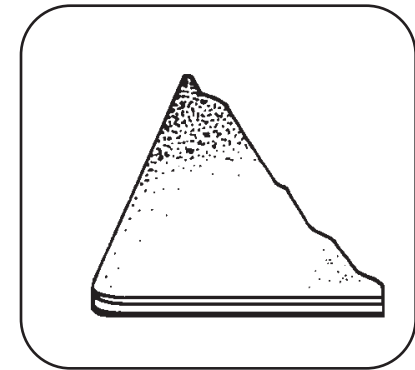
ESD Beige



ESD Blue



ESD White



ESD Grey

**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**

RTT:	10 <sup>6</sup> - 10 <sup>9</sup> ohms	ESD S4.1, DIN 53 276
RTG:	10 <sup>6</sup> - 10 <sup>9</sup> ohms	ESD S4.1, ASTM, F-150-72 NFPA-99, DIN 53 276
RVOL:	Less than 10 <sup>8</sup> 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.*

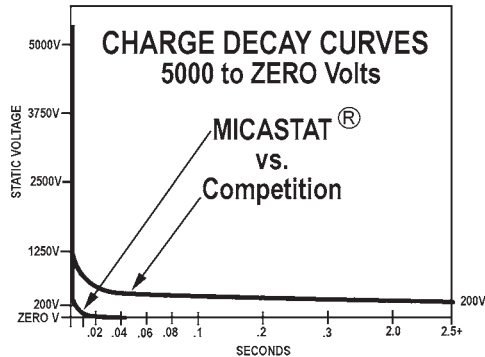
*Micastat is a registered trademark manufactured under the following U.S. Patents: 4,454,199; 4,455,350; 4,589,954; 4,645,717*

**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/cm <sup>2</sup> )
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.



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.

**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.

**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**

**DESCO**

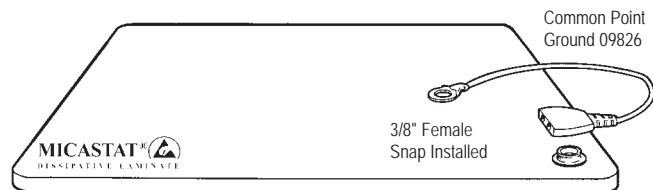
DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: www.desco.com  
PHONE (909) 627-8178 FAX (909) 627-7449

DESCO EAST: 90 HUDSON RD, CANTON, MA 02021-1407  
PHONE (781) 821-8370 FAX (781) 575-0172

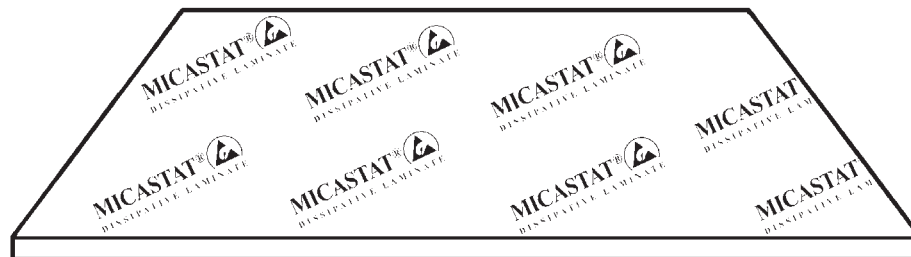
MATERIAL TYPE  
MICASTAT  
DRAWING 10200

DATE:  
6/06

## Item Number Reference For Micastat® Dissipative Laminate



**Bench Pad**



**Micastat® Sheet**

### Micastat® Kits - Item Numbers

Color/Size	24" x 36"	24" x 48"
ESD Beige	10310	10350
ESD Blue	10344	10384
ESD Grey	10342	10382

### Hardware Included

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

### Micastat® Sheets - Item Numbers

Size/Color	ESD Beige	ESD Blue	ESD White	ESD Grey
30" x 10'	10200	10180	10240	10290
30" x 12'	10202	10181	10242	10291
36" x 8'	10203	10182	10243	10292
36" x 10'	10204	10183	10244	10293
36" x 12'	10206	10184	10246	10294
48" x 8'	10208	10185	10248	10295
48" x 12'	10212	10187	10252	10297
60" x 12'	10215	10190	10255	10300

*Special sizes available upon request.  
Top -- non-glare matte finish.*

*Grounding hardware not included. Micastat® Ground Kits 14246 and 14244 are recommended.  
Ask for Technical Bulletin P-2091 for further information.*

### 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](http://Desco.com).

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

*"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]*