

# Custom Capabilities

## Laser Engraving



These are some samples of Sigmatron International, Speaker<sup>®</sup>, and Lista. According to Sigmatron's Production Manager, Patrick Silverman, the reason that they chose to have their mats custom labeled is that it is an additional means to show their customers that Sigmatron is serious about having a quality ESD Control Program. If you like what you see, request a sample and we are proud to provide you one. You send us a eps. format of your logo.

### Investment

Substantial investment in specialized laser engraving equipment makes available the production of a countless number of symbols, characters, and co-label branding.

### Speed and Flexibility

Our laser engraver is controlled by a software program that allows for common file formats. This equates to fast turn around times, high quality markings on all types of rubber, PVC, wood, laminates, and similar materials.

### Wide Range of Marketing Options

The laser creates permanent markings that do not easily rub, wash, or abrade off. Laser etching is more durable than offset/silk screen printing and the end result is markings that are UV/weather and chemical resistant. Custom marks on products, such as ID number, bar coding, and date coding are all possible.

## Current Desco Promotion

Offer Expires July 27th.

### Custom Laser Engraving on Statfree<sup>®</sup> ESD Mat

Let us give you a quote and a no charge sample customized mat. Send us your artwork, and we'll make you a sample on your choice of Statfree<sup>®</sup> mat Kit, ar No Charge!

[Click Here](#) to learn more      Enter Code **D062904** on your order



## Mat Cutting

Many ESD workbenches have posts or junction boxes that require making cutouts to cover the entire work surface. Our custom mat cutting capabilities allow us to meet this and most other custom mat needs.

### What's needed to optimize your application?

#### Cut Mat Shape for Your Application

Our automated mat cutter can cut with accuracy and repeatability to within thousandths of an inch. In addition



to being able to cut all our mats, it can cut virtually any material, including fiberglass, carbon fiber, nylon, mylar, neoprene, kevlar, nomex, foam, mesh, canvas, and tubular knit. There are few limitations to the capabilities of our automated mat cutter. We can accommodate just about any pattern you desire.

# True Benefits of Statfree® Type I Material

Ask for independent test report proving the Desco Statfree® Type i - Conductive Ergonomic Rubber Interlocking Room System low particulation is compatible for cleanrooms up to and including Class 1,000.

Uniaxial compression tests were conducted to evaluate the cushion and support provide by six different commercially available mats. The cushion and support were determined from the compliance and relaxation characteristics, respectively that each mat exhibited during testing. The resilience of the mat was calculated from the input and output velocities of an impacting hammer. In the cushion and support tests, Statfree® Type i and Ergomat ranked first and second, with Statfree Type i first in support and Ergomat first in cushion. The typical rubber mat ranked last in these tests and, in terms of support, performed significantly below the other five mats.

The impact characteristics of the mat were evaluated using the changes in kinetic energy occurring during pendulum impact experiments. Both the energy absorbed and the energy returned to the hammer (the mat resilience or buoyancy) were measured. The sum of these two quantities represents the effectiveness of the mat against impact, or its dynamic response. Again Statfree® Type i and Ergomat ranked significantly above the other 4 mats, whereas sponge vinyl and the domed mat demonstrated the worst impact characteristics.



## Introducing Desco EMIT

Desco EMIT is a new brand of Desco Industries specializing exclusively in the manufacturing and selling of high-end ESD Monitoring, Ionization, and Test solutions. The goal of Desco EMIT is provide high-end solutions that improve the management and effectiveness of a defined ESD Control Program. EMIT range of solutions include ESD Data Acquisition, Continuous Monitoring, Ionization and Test equipment. Desco EMIT is designed to allow you to buy direct from the factory or through your factory representative.

The Desco brand is still here to provide you with broadest offering of ESD control items in the world. One way of looking at the big difference between these two brands is that Desco offers you the consumable items to compliment Desco EMITs complete range of ESD Process Control Solutions. Desco EMIT product is also available via your local authorized Reseller.

### Current Desco EMIT Promotion

Offer Expires November 30th.

#### Introductory Offer Save \$800.00

When you trade in your Wrist Strap/Footwear Tester and get 34% off the purchase of Desco EMIT 50453 SmartLog™ with Magstripe and scanner.

[Click Here](#) to learn more

Enter Code **EM052604** on your order

