3M Electronic Solutions Division
Static Control Products Overview



ESD Protection You Can Trust

3M

Providing global ESD, EMI and EMC solutions

3M has long been a leader in providing static control solutions to companies around the world. Now, with the recent acquisitions of Credence Technologies and Static Control Components, 3M offers you an even more comprehensive line of products and solutions for ESD, EMI and EMC management.

New 3M Capability	Customer Benefit
A more comprehensive product line	Single source of supply
New technology expertise	Resources to help solve your problems
Vertically integrated manufacturing	More competitive pricing
Global supply logistics	Multi-national customers receive consistent product and support

Eliminating the damage caused by static electricity, EMI and micro-contaminants requires a complete static control program. 3M provides a full range of packaging, workstation and instrumentation product solutions and helps electronic products manufacturers develop and maintain complete ESD control programs.

ESD Workstation Solutions

3M ESD Workstation Solutions can help provide a safe environment for the handling and assembly of sensitive components. These products are the key items needed to form an ANSI/ESD S20.20 static control program.

Wrist straps

- Metal and fabric
- Disposable
- Single and dual wire

Shoe grounders

- Heel, toe, foot, and full sole
- Non-marking
- Disposable

Work surfaces

- Dissipative table mats (rubber and vinyl)
- Dissipative laminate
- Dissipative floor mats (rubber and vinyl)
- Anti-fatigue floor mats

Flooring

- Dissipative and conductive floor tile

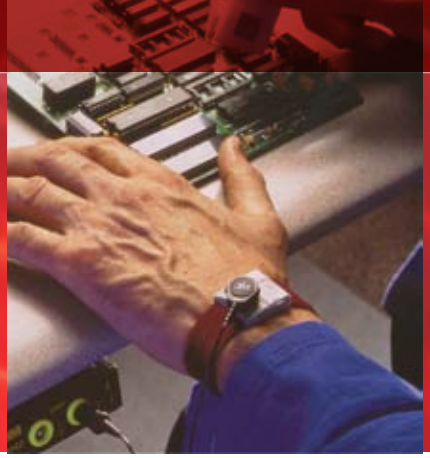
Field service kits

Integrated static control solutions you can trust









Packaging Solutions

3M's wide range of static shielding and moisture barrier bags provide static and physical protection for your products during handling, storage and transport, allowing you to comply with ANSI/ESD S541.

Static Shielding Bags

- Metal-in and metal-out bags
- ZipTop reclosable bags
- Cushioned bags and wrap

Moisture Barrier Bags and Dry Packing

- Metallized moisture barrier bags
- Foil moisture barrier bags for JEDEC
- Humidity indicator cards
- Dessicant pouches

Conductive Packaging

- Conductive film tubes, bags and drum liners

Covers and Carriers

- Conductive connector covers
- Rigid carriers

Training & Auditing

Your ESD, EMI, or EMC management program cannot be truly effective unless your employees understand their role in the process. Our technical personnel can provide training, provide pre-audit assessment of your system, or help you set up a new program for your facility.

- Employee training
- Audit preparation
- Consulting services

Instrumentation & Monitoring

Precision instrumentation is vital in critical assembly environments, such as disk drive and flat panel assembly, semiconductor fabrication, industrial robotics, and medical or military electronics assembly. Constant monitoring systems will alert you to problems and correct them immediately. For ongoing assessment and measurement of your program, monitors can feed data directly to a facility monitoring system.

Air ionizers

- Bench top
- Handheld
- Mini
- Overhead

Charge Analyzers

Monitors

- Continuous, single and dual wire work station monitors
- Wrist strap monitors
- Combination wrist/foot strap testers with data acquisition capabiltiy
- Workstation monitor checker

See our products at: www.3M.com/static
www.credencetech.com
www.staticcontrol.com



*"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing,this information represents 3M's knowledge and belief based on information provided by third party suppliers to 3M.

Important Notice

PRODUCT USE: All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's application.

Warranty; Limited Remedy; Limited Liability.

3M's product warranty is stated in its Product Literature available upon request. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE**. If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**

3M

Electronic Solutions Division
6801 River Place Blvd.
Austin, TX 78726-9000
800 328 1368
www.3M.com/electronics

Please recycle. Printed in USA.
© 3M 2007. All rights reserved.
98-0799-0783-2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

3M:

740P 8033 3050 747 3033 3042 8520 746P