



# Ground Zero Electrostatics FLOOR MATTING SPECIFICATIONS

## **Tough One!**

Static Dissipative Vinyl Matting  
Embossed Homogenous Solid Vinyl

**Item Number:** FM-TO- (L x W) - Brown

### **SIZES AVAILABLE**

**Rolls:** 3' x 50', 4' x 50'

Custom and precut available

### **ELECTRICAL PROPERTIES:**

RTG: <  $6.0 \times 10^9$  @ 10 Volts per EOS / ESD 4.1

RTT : <  $8.0 \times 10^9$  @ 10 Volts per EOS / ESD 4.1 (top layer)

Surface Resistance: <  $9.1 \times 10^9$  per EOS / ESD S11.11

### **CHARGE DECAY:**

Conditioning: 50% RH +/- 2% @ 230C +/- 10C for 24 Hrs

Test conducted @: 50% RH +/- 2% @ 230C +/- 10C

Test results = Time, seconds to decay to 10% of initial charge

Results: <.2 seconds

### **PHYSICAL PROPERTIES:**

Thickness: .125

Colors: Brown

Available in custom cut sizes or roll form.

## **UltraCon FM**

Static Conductive Rubber Matting  
Reversible, highly conductive rubber  
Rapid, dependable discharges

**Item Number** FM-UC- (L x W) - Black

### **SIZES AVAILABLE**

**Rolls:** 3' x 50', 4' x 50'

Custom and Precuts Available

### **ELECTRICAL PROPERTIES:**

RTG: <  $5.3 \times 10^5$  @ 10 Volts per EOS / ESD 4.1

PTP : <  $5.6 \times 10^5$  @ 10 Volts per EOS / ESD 4.1

### **CHARGE DECAY:**

Conditioning: 50% RH +/- 2% @ 230C +/- 10C for 24 Hrs.

Test conducted @: 50% RH +/- 2% @ 230C +/- 10C

Test results = Time, seconds to decay to 10% of initial charge

Results: <0.03 seconds

### **PHYSICAL PROPERTIES:**

Thickness: .060

Colors: Black

Available in custom cut sizes or roll form

## **Anti-Fatigue II**

Static Dissipative Vinyl Matting  
Ergonomic comfortable foamed Vinyl  
Reliable, dependable discharge

**Item Number** FM-AF- (L x W) - Brown or Gray

### **SIZES AVAILABLE**

**Precuts:** 2' x 3', 3' x 5'  
(6 per box)

**Roll:** 3' x 60', 4' x 60'

Custom Cuts Available

### **ELECTRICAL PROPERTIES:**

RTG: <  $1.3 \times 10^9$  Volts per EOS / ESD 4.1

PTP : <  $4.6 \times 10^9$  Volts per EOS / ESD 4.1

### **CHARGE DECAY:**

Conditioning: 50% RH +/- 2% @ 230C +/- 10C for 24 Hrs.

Test conducted @: 50% RH +/- 2% @ 230C +/- 10C

Test results = Time, seconds to decay to 10% of initial charge

Results: <2.00 seconds

### **PHYSICAL PROPERTIES:**

Thickness: .375

Colors: Brown or Gray

Available in custom cut sizes or roll form



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## No Slip II

Static Dissipative Vinyl Matting  
Corrugated Slip Resistant Vinyl

**Item Number** FM-NS- (L x W) - Gray

### SIZES AVAILABLE:

**Rolls:** 3' x 60', 4' x 60'

(Custom cut and pre-cut sizes available)

### ELECTRICAL PROPERTIES:

RTG: < 3.0 X 10<sup>9</sup> @ 10 Volts per EOS / ESD 7.1

RTT : < 3.0 X 10<sup>9</sup> @ 10 Volts per EOS / ESD 4.1 (top layer)

### CHARGE DECAY:

Conditioning: 50% RH +/- 2% @ 230C +/- 10C for 24 Hrs.

Test conducted @: 50% RH +/- 2% @ 230C +/- 10C

Test results = Time, seconds to decay to 10% of initial charge

Results: <.034 seconds

### PHYSICAL PROPERTIES:

Thickness: .125

Colors: Gray

Available in custom cut sizes or roll form

## ESD Switchboard Matting

Available in Corrugated, Smooth Top or Diamond finishes Insulative, Oil Resistant

### Corrugated Switchboard Matting

Type 11, Class 2, Dielectric > 30,000 V AC RMS.

**Maximum Recommended Use:** Voltage-17,500 V AC RMS.

**Colors:** Black or Black with Yellow Safety edge.

**Thickness:** 1/4"

#### Item Number

#### Size

#### Colors

FM-CSD-24-YW or BK	24"	Black w/ yellow runners
FM-CSD-30-BK or YW	30"	Black
FM-CSD-36-BK or YW	36"	Black
FM-CSD-48-BK or YW	48"	Black

## Smooth Top Switchboard Matting

Conforms to Mil-M-15562F, Type II, Amendment III. This specification is approved for use by all interested Commands of the Dept of Navy and the Marine Corps and is available for use by all other Departments and Agencies of the Department of Defense.

**Color:** Black, Blue, Green. Thickness: 1/8"

**Dielectric:** > 30,000 V AC RMS

**Proof Tested:** 15,000AC over entire surface

**Recommended max use voltage:** 3,000 VAC

#### Item Number

#### Size

#### Colors

FM-SSB-36-BK or YW	36"	Black
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## Diamond Switchboard Matting

Conforms to MIL-M-15662F, Type II dated 12/07/77 as amended. This specification is approved for use by all interested Commands of the Dept of Navy and the Marine Corps and is available for use by all other Departments and Agencies of the Department of Defense.

**Color:** Gray

**Thickness:** 3/16

#### Item Number

#### Size

#### Colors

FM-DSB-36-BK or YW	36"	Black
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