

# TABLE MATS

UltraCon™

UltraCon Elite™

Comfort Cushion™

Comfort Cushion Elite™

## Ultra Con™

**2-LAYER High Temperature Rubber ESD Matting**  
**Ultimate static safe work surface for electronic assembly areas.**

- Item Number:** BM-UC (L x W) - Blue Top, Black Bottom
- ✦ Premium mechanical and electrical performance
  - ✦ Static-dissipative top layer
  - ✦ Fully conductive backing
  - ✦ Highly resistant to solder, fluxes and chemicals
  - ✦ Soft yet durable
  - ✦ Easily cleaned
  - ✦ Meets or exceeds: EIA 625, MIL-HDBK-263 and MIL-STD-1686

**SIZES AVAILABLE:**

ROLLS	18" X 50'	24" X 50'
	30" X 50'	36" X 50'
	48" X 50'	

Custom and Precuts available

## Ultra Con Elite

**2-LAYER High Temperature Rubber ESD Matting**  
**Ultimate static safe work surface for electronic assembly areas.**

- Item Number:** BM-UC-E(L x W) - Blue Top, Black Bottom
- ✦ Premium mechanical and electrical performance
  - ✦ Static-dissipative top layer
  - ✦ Fully conductive backing
  - ✦ Highly resistant to solder, fluxes and chemicals
  - ✦ Soft yet durable
  - ✦ Easily cleaned
  - ✦ Meets or exceeds: EIA 625, MIL-HDBK-263 and MIL-STD-1686

**SIZES AVAILABLE:**

ROLLS	30" X 30' Roll
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Custom and precut sizes available

## Comfort Cushion

**3-LAYER Vinyl ESD Matting**  
**Excellent ESD elimination for all sensitive areas**

- Item Number:** BM-CC (L x W) - Blue or Gray
- ✦ Excellent mechanical and electrical performance
  - ✦ Static-dissipative top layer
  - ✦ Conductive scrim center layer
  - ✦ Foamed dissipative vinyl bottom layer
  - ✦ Skid resistant, soft, durable and easily cleaned
  - ✦ Meets or exceeds: EIA 625, MIL-HDBK-263 and MIL-STD-1686

**SIZES AVAILABLE:**

Rolls	30" x 50'	2' x 50'
	3' x 50'	4' x 50'

Also available in 100' rolls Custom and precuts available

## Comfort Cushion Elite

**2-LAYER Vinyl ESD Matting**  
**Excellent ESD elimination for all sensitive areas**

- Item Number:** BM-CC-E (L x W) - Blue
- ✦ Excellent mechanical and electrical performance
  - ✦ Static-dissipative top layer
  - ✦ Conductive scrim center layer
  - ✦ Foamed dissipative vinyl bottom layer
  - ✦ Skid resistant, soft, durable and easily cleaned
  - ✦ Meets or exceeds: EIA 625, MIL-HDBK-263 and MIL-STD-1686

**SIZES AVAILABLE:**

Precut	18" X 23"	(16 per box)
Rolls	24" x 40'	52" x 40'

**ELECTRICAL PROPERTIES:**  
 RTT: < 9.5 X 10<sup>7</sup> @ 10 Volts per EOS / ESD 4.1  
 RTG: < 8.5 X 100<sup>6</sup> @ 10 Volts per EOS / ESD 4.1

**CHARGE DECAY:**  
 Conditioning: 50% RH +/- 2% @ 230C +/- 10C for 24 Hours  
 Test conducted @: 50% RH +/- 2% @ 230C +/- 10C.  
 Test results = Time, seconds to decay to 10% of initial charge  
 Results: <0.05 seconds

**PHYSICAL PROPERTIES:**  
 Thickness: .060 (standard) .078, .090 (Optional)  
 Tensile, >1000 PSI  
 Durometer > 60 (Shore A)  
 Colors, Blue or Gray  
 Available in custom cut or roll form, 2-layer.

**PHYSICAL PROPERTIES:**  
 Thickness: 1/4" (standard)  
 Tensile, >1000 PSI  
 Durometer > 60 (Shore A)  
 Colors: Blue top, Black bottom  
 Available in custom cut or roll form, 3-layer

**ELECTRICAL PROPERTIES:**  
 Surface Resistance  
 EN 100015.1 5x10<sup>5</sup> - 5x10<sup>8</sup>  
 EOS/ESD.S4.1990/100 V 1x10<sup>7</sup> - 1x10<sup>9</sup>  
 EOS/ESD.S4.1990/10 V 1x10<sup>7</sup> - 1x10<sup>9</sup>

Resistance/Ground  
 EN 100015.1 5x10<sup>5</sup> - 5x10<sup>8</sup>  
 EOS/ESD.S4.1990/100 V 1x10<sup>5</sup> - 1x10<sup>8</sup>  
 EOS/ESD.S4.1990/10 V 1x10<sup>5</sup> - 1x10<sup>8</sup>

Charge Decay  
 FED TM 101 (From 5000 to 50V) 0.01 sec

**ELECTRICAL PROPERTIES:**  
 RTG: <5.5 X 10<sup>7</sup> @ 10 Volts per EOS / ESD 4.1  
 RTT: <5.5 X 10<sup>7</sup> @ 10 Volts per EOS / ESD 4.1  
 Surface Resistivity: < 10<sup>8</sup> per EOS / ESD S11.11

**CHARGE DECAY:**  
 Conditioning: 50% RH +/- 2% @ 230C +/- 10C for 24 Hours  
 Test conducted @: 50% RH +/- 2% @ 230C +/- 10C.  
 Test results = Time, seconds to decay to 10% of initial charge  
 Results: <2.0 seconds

**PHYSICAL PROPERTIES:**  
 Thickness: 1/8"  
 Colors: Blue or Gray

**ELECTRICAL PROPERTIES:**  
 RTG: <5.5 X 10<sup>7</sup> @ 10 Volts per EOS / ESD 4.1  
 RTT: <5.5 X 10<sup>7</sup> @ 10 Volts per EOS / ESD 4.1  
 Surface Resistivity: < 10<sup>8</sup> per EOS / ESD S11.11

**CHARGE DECAY:**  
 Conditioning: 50% RH +/- 2% @ 230C +/- 10C for 24 Hours  
 Test conducted @: 50% RH +/- 2% @ 230C +/- 10C.  
 Test results = Time, seconds to decay to 10% of initial charge  
 Results: <2.0 seconds

**PHYSICAL PROPERTIES:**  
 Thickness: 1/4"  
 Colors: Blue  
 Available in custom cut or roll form

# TABLE MATS

Comfort Cushion  
Elite Plus

DuroStat

DuroStat Elite

DuroStat  
Elite Plus

## Comfort Cushion Elite Plus

**3-LAYER Vinyl ESD Matting**  
Excellent ESD elimination for all sensitive areas

**Item Number:** BM-CC-EP (L x W) - Blue

- ✳ Excellent mechanical and electrical performance
- ✳ Static-dissipative top layer
- ✳ Conductive scrim center layer
- ✳ Foamed dissipative vinyl bottom layer
- ✳ Skid resistant, soft, durable and easily cleaned
- ✳ Meets or exceeds: EIA 625, MIL-HDBK-263 and MILSTD-1686

### SIZES AVAILABLE:

**Precut** 18" x 23" (12 per box)  
**Roll** 30" x 60' 3' x 60'  
Custom Cuts Available

## Duro-Stat

**Homogenous Vinyl ESD Matting**  
Dissipative & highly durable ESD dissipation for all sensitive areas

**Item Number:** BM-DS (L x W) - Blue or Gray

- ✳ Great mechanical and good electrical performance
- ✳ Static-dissipative solid vinyl
- ✳ Good resistance to chemicals
- ✳ Highly durable and long wearing
- ✳ Easily cleaned
- ✳ Good conformity to table tops
- ✳ Meets or exceeds: MIL-HDBK-263 and MILSTD-1686

### SIZES AVAILABLE:

**Rolls** 30" x 50' 2' x 50'  
3' x 50' 4' x 50'

Also 100' rolls available  
Custom and precuts available.

## Duro-Stat Elite

**Homogenous Vinyl ESD Matting**  
Dissipative & highly durable ESD dissipation for all sensitive areas

**Item Number:** BM-DS-E (L x W) - Blue or Gray

- ✳ Great mechanical and good electrical performance
- ✳ Static-dissipative solid vinyl
- ✳ Good resistance to chemicals
- ✳ Highly durable and long wearing
- ✳ Easily cleaned
- ✳ Good conformity to table tops
- ✳ Meets or exceeds: MIL-HDBK-263 and MILSTD-1686

### SIZES AVAILABLE:

**Rolls** 30" x 50' 2' x 50'  
3' x 50' 4' x 50'

Custom and precuts available.

## Duro-Stat Elite Plus

**3 - Layer Homogenous Vinyl ESD Matting**  
Dissipative & highly durable ESD dissipation for all sensitive areas

**Item Number:** BM-DS-EP (L x W) - Blue or Gray

- ✳ Great mechanical and good electrical performance
- ✳ Static-dissipative solid vinyl
- ✳ Good resistance to chemicals
- ✳ Highly durable and long wearing
- ✳ Easily cleaned
- ✳ Good conformity to table tops
- ✳ Meets or exceeds: MIL-HDBK-263 and MILSTD-1686

### SIZES AVAILABLE:

**Rolls** 30" x 50' 2' x 50'  
3' x 50' 4' x 50'

Custom and precuts available.

### ELECTRICAL PROPERTIES:

RTG: <5.5 X 10<sup>6</sup> @ 10 Volts per EOS / ESD 4.1  
RTT: <5.5 X 10<sup>7</sup> @ 10 Volts per EOS / ESD 4.1  
Surface Resistivity: < 10<sup>9</sup> per EOS / ESD S11.11

### CHARGE DECAY:

Conditioning: 50% RH +/- 2% @ 230C +/- 10C for 24 Hours  
Test conducted @: 50% RH +/- 2% @ 230C +/- 10C.  
Test results = Time, seconds to decay to 10% of initial charge  
Results: <2.0 seconds

### PHYSICAL PROPERTIES:

Thickness: 3/8"  
Colors: Blue  
Available in custom cut or roll form

### ELECTRICAL PROPERTIES:

RTG: <8.5 X 10<sup>6</sup> @ 10 Volts per EOS / ESD 4.1  
RTT: <8.5 X 10<sup>7</sup> @ 10 Volts per EOS / ESD 4.1

### CHARGE DECAY:

Conditioning: 50% RH +/- 2% @ 230C +/- 10C for 24 Hours  
Test conducted @: 50% RH +/- 2% @ 230C +/- 10C.  
Test results = Time, seconds to decay to 10% of initial charge  
Results: <2.0 seconds

### PHYSICAL PROPERTIES:

Thickness: .060 (standard)  
Colors: Blue or Gray  
Available in custom cut or roll form

### ELECTRICAL PROPERTIES:

RTG: <8.5 X 10<sup>6</sup> @ 10 Volts per EOS / ESD 4.1  
RTT: <8.5 X 10<sup>7</sup> @ 10 Volts per EOS / ESD 4.1

### CHARGE DECAY:

Conditioning: 50% RH +/- 2% @ 230C +/- 10C for 24 Hours  
Test conducted @: 50% RH +/- 2% @ 230C +/- 10C.  
Test results = Time, seconds to decay to 10% of initial charge  
Results: <2.0 seconds

### PHYSICAL PROPERTIES:

Thickness: .093  
Colors: Blue or Gray  
Available in custom cut or roll form

### ELECTRICAL PROPERTIES:

RTG: <8.5 X 10<sup>6</sup> @ 10 Volts per EOS / ESD 4.1  
RTT: <8.5 X 10<sup>7</sup> @ 10 Volts per EOS / ESD 4.1

### CHARGE DECAY:

Conditioning: 50% RH +/- 2% @ 230C +/- 10C for 24 Hours  
Test conducted @: 50% RH +/- 2% @ 230C +/- 10C.  
Test results = Time, seconds to decay to 10% of initial charge  
Results: <2.0 seconds

### PHYSICAL PROPERTIES:

Thickness: .093  
Colors: Blue or Gray  
Available in custom cut or roll form

# FLOOR MATS

Tough One!

UltraCon FM

UltraCon Elite FM

Anti-Fatigue II

No Slip II

## Tough One!

**Static Dissipative Vinyl Matting**  
**Embossed Homogenous Solid Vinyl**

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

- Embossed for slip resistant safety
- Extremely tough and durable
- Permanent electrical properties
- Doesn't show dirt
- Protects carpets
- Meets or exceeds: Mil-HDBK-263 and MIL-STD-1686

## UltraCon FM

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

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

- Premium mechanical and electrical properties
- Resistant to hot solder, oil, grease and solvents
- Smooth for easy cleaning
- Reversible, doubles the life span
- Exceeds: EIA 625, Mil-HDBK-263 and MIL-STD-1686

## Ultra Con FM Elite

**2-LAYER High Temperature Rubber ESD Matting**  
**Ultimate static safe work surface for electronic assembly areas.**

**Item Number:** BM-UC-FM-E(L x W) - Blue Top, Black Bottom

- Premium mechanical and electrical performance
- Static-dissipative top layer
- Fully conductive backing
- Highly resistant to solder, fluxes and chemicals
- Soft yet durable
- Easily cleaned
- Meets or exceeds: EIA 625, MIL-HDBK-263 and MIL-STD-1686

## Anti-Fatigue II

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

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

- Embossed for slip resistant safety
- Ergonomic comfort for increased productivity
- Permanent dissipative properties
- Good wear resistance, doesn't show dirt
- Meets or exceeds: Mil-HDBK-263 and MIL-STD-1686

## No Slip II

**Static Dissipative Vinyl Matting, Corrugated Slip Resistant Vinyl**

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

- Corrugated for slip resistant safety
- Easy to cut and configure
- Permanent and consistent electrical properties
- Ergonomic comfort, lays flat without curling
- Meets or exceeds: Mil-HDBK-263 and MIL-STD-1686

**SIZES AVAILABLE:**

3' x 60' rolls 4' x 60' rolls  
(Custom cut and pre-cut sizes available)

**SIZES AVAILABLE:**

Rolls 3' x 50' 4' x 50'

Custom and precut available

**ELECTRICAL PROPERTIES:**

RTG: < 6.0 X 10<sup>9</sup> @ 10 Volts per EOS / ESD 4.1

RTT : < 8.0 X 10<sup>9</sup> @ 10 Volts per EOS / ESD 4.1 (top layer)

Surface Resistance: < 9.1 X 10<sup>9</sup> per EOS / ESD S11.11

**CHARGE DECAY:**

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

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

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

Results: <.2 seconds

**SIZES AVAILABLE:**

Rolls 3' x 50' 4' x 50'

Custom and Precuts Available

**ELECTRICAL PROPERTIES:**

RTG: < 5.3 X 10<sup>9</sup> @ 10 Volts per EOS / ESD 4.1

PTP : < 5.6 X 10<sup>9</sup> @ 10 Volts per EOS / ESD 4.1

**CHARGE DECAY:**

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

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

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

Results: <0.03 seconds

**SIZES AVAILABLE:**

30" X 30' Roll

Custom and precut sizes available

**PHYSICAL PROPERTIES:**

Thickness: 1/4"

Tensile, >1000 PSI

Durometer > 60 (Shore A)

Colors: Blue top, Black bottom

Available in custom cut or roll form, 2-layer (standard), 3-layer (optional)

**SIZES AVAILABLE:**

Precuts:

(6 per box) 2' x 3' 3' x 5'

Roll: 3' x 60' 4' x 60'

Custom Cuts Available

**ELECTRICAL PROPERTIES:**

RTG: < 1.3 x 10<sup>9</sup> Volts per EOS / ESD 4.1

PTP : < 4.6 x 10<sup>9</sup> Volts per EOS / ESD 4.1

**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 Hours

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

**PHYSICAL PROPERTIES:**

Thickness: .125

Colors: Brown

Available in custom cut sizes or roll form.

**PHYSICAL PROPERTIES:**

Thickness: .060

Colors: Black

**ELECTRICAL PROPERTIES:**

Surface Resistance

EN 100015.1 5x10<sup>9</sup> - 5x10<sup>9</sup>

EOS/ESD.S4.1990/100 V 1x10<sup>7</sup> - 1x10<sup>9</sup>

EOS/ESD.S4.1990/10 V 1x10<sup>7</sup> - 1x10<sup>9</sup>

Resistance/Ground

EN 100015.1 5x10<sup>9</sup> - 5x10<sup>9</sup>

EOS/ESD.S4.1990/100 V 1x10<sup>6</sup> - 1x10<sup>8</sup>

EOS/ESD.S4.1990/10 V 1x10<sup>6</sup> - 1x10<sup>8</sup>

Charge Decay

FED TM 101 (From 5000 to 50V) 0.01 sec

**CHARGE DECAY:**

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

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

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

Results: <.00 seconds

**PHYSICAL PROPERTIES:**

Thickness: .375

Colors: Brown or Gray

Available in custom cut sizes or 3' X 60' roll form