TRANSFORMING TECHNOLOGIES
OUTSTANDING ALTERNATIVES IN STATIC CONTROL
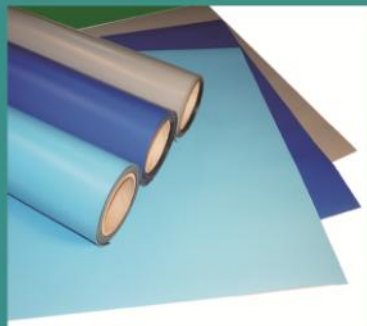
IONIZATION   **MATTING**   **APPAREL**   **GROUNDING**   **TEST EQUIPMENT**

STATIC CONTROL PRODUCT CATALOG
Knowledge, Value, Service...StaticCare™

www.transforming-technologies.com

About Transforming Technologies

Transforming Technologies provides comprehensive knowledge of electrostatic issues, effective solution-oriented products and outstanding, friendly service. Since 1998, Transforming Technologies has provided critical solutions to the numerous manufacturing problems associated with static electricity. We provide a wide range of unique and outstanding products to detect, protect, eliminate and monitor electrostatic charges. Our products are key tools used by industries to assure an effective static control program.

Contact Information

Phone: 419-841-9552
Fax: 419-841-3241
Email: sales@transforming-technologies.com
Online: www.transforming-technologies.com

Hours:

Monday - Friday
8:30am - 5:30pm

Address

Transforming Technologies, LLC
3719 King Road,
Toledo, Ohio 43617

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Terms and Conditions:

Terms: Net 30 days are extended to customers with approved credit.
Payment: Transforming Technologies accepts Check, ACH or Wire Transfer, VISA, MasterCard and American Express.
Taxes: Applicable sales tax will be added to all orders. Customers who are exempt from sales tax will need to provide documentation.
Warranties: Transforming Technologies expressly warrants that for a period of one (1) year from the date of purchase, products will be free of defects in material (parts) and workmanship (labor). Within the warranty period, a unit will be tested, repaired or replaced at Transforming Technologies option, without charge. Call our Customer Service Department for a Return Material Authorization (RMA) and proper shipping instructions and address. Any unit under warranty can be shipped collect to the Transforming Technologies factory. Warranty replacements will take approximately two weeks. If your unit is out of warranty; call our Customer Service Department at 419-841-9552 for a Return Material Authorization (RMA) and proper shipping instructions and address. Transforming Technologies will quote repair charges necessary to bring your ESD unit up to factory standards.

Limit of Liability: In no event will Transforming Technologies, its representatives or resellers be responsible or liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, potential users shall determine the suitability of the product for their intended use, and users assume all risk and liability.
F.O.B. Point: Unless embodied in a written agreement signed by authorized officers of Transforming Technologies the F.O.B. point for all products purchased from Transforming Technologies will be the F.O.B. factory. Stock orders received by 2:30 pm EST will be shipped the same day if possible.
Out of Warranty Repair: Field repair or unauthorized tampering of Transforming Technologies products is not recommended and will nullify any and all warranties. All Transforming Technologies items to be repaired must be returned to the factory. Transforming Technologies will quote repair cost upon receipt and inspection of product. Repaired product will include a 60 day warranty. A Return Merchandise Authorization number (RMA#) must be obtained from Transforming Technologies for out of warranty repairs. The RMA number must appear on the outside of returned cartons, and Transforming Technologies has the right to refuse all return shipments which do not bear the RMA number or which are shipped freight collect. Customer is responsible for all freight and transportation charges.

Cup Style Heel Grounders

Features

Cup Style Heel Grounders are made with a symmetrical design that can be reversed when worn to reduce wear and tear. They feature a dual layer rubber with a non-marking inside and a conductive black outside. A 1meg resistor and a 18" conductive ribbon are standard.
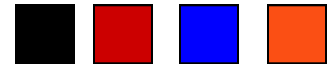
Specifications:
- Resistor: 1 Meg
- Strap: Stretch Velcro
- Rubber Exterior: <10^5ohms
- Size: 1.25" Wide
- Ribbon: 18" Conductive Yarn
- Closure: Velcro

Part Numbers	
HG1360	Cup, Stretch Velcro, Black
HG1360R	Cup, Stretch Velcro, Red
HG1360B	Cup, Stretch Velcro, Blue
HG1370	Cup, Stretch Velcro, Orange

Four Colors Available!

Non-Marking Cup Style Heel Grounders

Features

Non-Marking Cup Heel Grounders will not leave scuff marks or blemishes on your floor to help keep your controlled environment clean. The HG1360NM2 is constructed from a non-marking and highly dissipative three layer rubber and a stretch velcro closure.

Specifications:
- Resistor: 1 Meg
- Color: Gray Rubber, Blue Elastic
- Rubber Exterior: <10 Meg
- Size: 1.5" wide
- Ribbon: 18" Conductive Yarn
- Closure: Stretch Velcro

Part Numbers	
HG1360NM2	Blue, 1 meg, Non-Marking

Sport Style Heel Grounders

Features

Sport Style Heel Grounders are designed for active wearers and are ideal for boots and cross-training athletic shoes. A highly visible elastic back strap forms to the heel, ensuring proper fit. A Non-Marking version is available.

Specifications:
- Resistor: 1 Meg
- Color: Blue, Red Elastic
- Rubber Exterior: <10^5ohms
- Size: 1.37" Wide
- Ribbon: 18" Conductive Yarn
- Closure: Velcro, D-ring or Non-Marking

Part Numbers	
HG1590	Sport , 35mm, Velcro
HG1594	Sport , 35mm, D-Ring
HG1590NM	Sport , 35mm,Non-Marking

Hi-Visibility Style Heel Grounders

Features

The Hi-Visibility Heel Grounder is constructed from durable materials and features a hi-visibility yellow/green velcro closure for easy identification in the work area.

Specifications:
- Resistor: 1 Meg
- Color: Hi-Vis Elastic
- Rubber Exterior: <10^5ohms
- Size: 1.37" Wide
- Ribbon: 18" Conductive Yarn
- Closure: Velcro

Part Numbers	
HG1390S	Hi-Vis Yellow, 1 Meg, Velcro

Sole Grounders

Features

Full Coverage Sole Grounders are designed to provide maximum surface contact. The benefit of wearing a sole grounder is always maintaining contact with the floor surface whether on heel or toe. Comes in 1 meg or 2 meg versions.

Specification:
- Resistor: 1 Meg or 2 Meg
- Color: Black, Blue Strap
- Rubber Exterior: $<10^5$Ohms
- Size: Full Sole Coverage
- X-Small, Small, Med, Large
- Closure: Elastic

Part Numbers	
HG6005	Sole Ground, 1 Meg, X-Small
HG6010	Sole Ground, 1 Meg, Small
HG6020	Sole Ground, 1 Meg, Med
HG6030	Sole Ground, 1 Meg, Large
HG6052	Sole Ground, 2 Meg, X-Small
HG6012	Sole Ground, 2 Meg, Small
HG6022	Sole Ground, 2 Meg, Med
HG6032	Sole Ground, 2 Meg, Large

Non-Marking Sole Grounders

Specifications:
- Non-Marking
- Color: Yellow Rubber, Blue Strap
- Rubber Exterior: $<10^{10}$ meg
- Size: Full Sole Coverage
- X-Small, Small, Med, Large

Part Numbers	
HG9001	Non-Marking, 1 Meg, X-Small
HG9002	Non-Marking, 1 Meg, Small
HG9003	Non-Marking, 1 Meg, Med
HG9004	Non-Marking, 1 Meg, Large

Specifications:
- Hi-Visibility Yellow
- Non-Marking
- Color: Yellow Rubber, Yellow Strap
- Rubber Exterior: $<10^{10}$ meg
- Size: Full Sole Coverage
- X-Small, Small, Med, Large

Part Numbers	
HG9010	Non-Marking, 1 Meg, X-Small
HG9020	Non-Marking, 1 Meg, Small
HG9030	Non-Marking, 1 Meg, Med
HG9040	Non-Marking, 1 Meg, Large

Disposable Heel Grounders

Features

Disposable Heel Grounders are a single use, economical solution for temporary personnel who enter static controlled environments with ESD flooring. Secures to footwear with a non-damaging adhesive.

Specifications:
- Material: Non-Woven Polyester with Carbon
- Color: Black, Yellow
- RTG: $> 1 \times 10^5 - < 3.5 \times 10^7$
- Adhesive Strip Secures Strap to Footwear

Part Numbers	
HG4560	Disposable, 12"
HG4560L	Disposable, 24"

Toe Grounders

Features

Toe Grounders are perfect for a wide variety of heeled shoes. Constructed from durable materials and featuring a comfortable elastic closure, the HG2520 provides protection for staff on the move.

Specifications:
- Resistor: 1 Meg
- Color: Black Stretch Velcro
- Rubber Exterior: $<10^5$Ohms
- Size: 35mm Wide
- Closure: Elastic

Part Numbers	
HG2520	Toe Grounder, Black

Disposable Shoe Covers

Features

The plain sole bottom shoe covers are made from two (2) pieces of heavy-weight polypropylene and work well when worn inside laundered boot covers.

Specifications:
- Material: 100% Virgin Polypropylene
- Weight 1.25oz (40 gm)
- Color: Blue
- Surface Resistance: $<10^6$Ohms
- Size: Universal

Part Numbers	
SC1206C	Disposable Shoe Cover

Metal Dual Wire Wrist Strap Sets

Compatible with Resistance Monitors on page 7.

Features
Dual Wire Wrist Straps provide redundancy; even if one dual wire wrist strap conductor is severed, the operator has reliable path-to-ground with other wire. The expandable metal band features a single mono jack fastener capable of reading both sides of the wrist strap. Used with dual wire constant monitors.

Specifications:
- Expandable Speidel Metal Band: Small, Medium, Large
- Color: Black Band, Gray Cord
- Two Conductive Paths
- Compatible with Most Dual Wire Constant Monitors
- Right Angle Coil Cords Available

Part Numbers	
WB5050(Size*)	Dual Metal, 5', Size*
WB5100(Size*)	Dual Metal, 10', Size*
WB5200(Size*)	Dual Metal, 20', Size*
WB5050(Size*)R	Dual Metal, 5', Rt. Angle, Size*
WB5100(Size*)R	Dual Metal, 10', Rt. Angle, Size*
WB5200(Size*)R	Dual Metal , 20', Rt. Angle, Size*
WB0050(Size*)	Dual Metal Band Only, Size*

*Size: (S) Small, (M) Medium or (L) Large for size

Fabric Dual Wire Wrist Strap Sets

Features
The one-size-fits-all WB7000 Dual Conductor Fabric Wrist Bands feature a silver plated, monofilament, continuous thread woven together with elastic nylon for full conductivity and comfort. Used with dual wire constant monitors.

Specifications:
- Comfortable Elastic Band
- Color: Blue Band, Gray Cord
- Two Conductive Paths
- Compatible with Most Dual Wire Constant Monitors

Part Numbers	
WB7050	Dual Fabric, 5', Turquoise
WB7100	Dual Fabric, 10', Turquoise
WB7200	Dual Fabric, 20', Turquoise
WB7050R	Dual Fabric, 5', Turquoise, Rt. Angle
WB7100R	Dual Fabric, 10', Turquoise, Rt. Angle
WB7200R	Dual Fabric, 20', Turquoise, Rt. Angle
WB0070	Band Only

Dual Wire Wrist Strap Sets

Features
The adjustable WB2500 series features two 4mm snaps and 180 degree conductive paths around the wrist, providing maximum skin contact. The double snap coil cords provide two conductive paths to ground. Used with dual wire constant monitors.

Specifications:
- Polyester with Silver-Plated Nylon Fabric Band
- Color: Maroon
- Two 4mm Snaps
- Dual Wire Coil Cord: 6' or 12'
- Compatible with Most Dual Wire Constant Monitors

Part Numbers	
WB2580	Dual Snap, 6', Maroon
WB2585	Dual Snap, 12', Maroon
WB0025	Band Only, Maroon

Disposable Wrist Bands

Features:
Designed for inclusion with ESD sensitive devices such as computer components to provide protection at the customer's site. Made from a non-woven fabric impregnated with conductive polymer. Adhesive on a copper foil is used for easy contact to any electrical ground.

Specifications:
- Safe, Effective and Economical Ground Strap
- Non-Woven Fabric Impregnated with a Conductive Polymer
- Conductive Adhesive for Secure Connection to Ground

Part Numbers	
WB5407	Disposable Wrist Band

Single Wire Wrist Strap Sets

Features

Single Wire Wrist Strap sets are a versatile and effective method of grounding personnel that allows the skin to breathe. The band uses hypo-allergenic silver-plated nylon thread for conductivity paired with 6' or 12' coil cords. The band is standard with a 4mm snap, but 7mm and 10mm are available.

Specifications:
- Hypoallergenic Fabric Band
- Resistor: 1 Meg
- Three Snap Sizes Available
- Available in Maroon in a 4mm Snap

Two Colors and Three Snap Sizes Available!
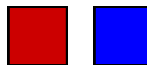
Part Numbers	
WB1637	Set, 6', 4mm Blue fabric band
WB1643	Set, 12', 4mm Blue fabric band
WB1738	Set, 6', 7mm Blue fabric band
WB1744	Set, 12', 7mm Blue fabric band
WB1839	Set, 6', 10mm Blue fabric band
WB1845	Set, 12', 10mm Blue fabric band
WB2637	Set, 6', 4mm Maroon fabric band
WB2643	Set, 12', 4mm Maroon fabric band
WB0016	Band Only, 4mm, Blue
WB0017	Band Only, 7mm, Blue
WB0018	Band Only, 10mm, Blue
WB0026	Band Only, 4mm, Maroon

Metal Single Wire Wrist Strap Sets

Features

Fully adjustable metal wrist strap sets are made from stainless steel and contain no carbon which makes it an ideal solution for cleanroom environments. High quality construction make metal wrist bands very durable.

Specifications:
- Adjustable Metal Band
- Resistor: 1 Meg
- Premium Coil Cord
- Cleanroom Compatible Stainless Steel Construction

Part Numbers	
WB6037	Set, 6', 4mm Metal Band
WB6043	Set, 12', 4mm Metal Band
WB6014	Band Only

Hinged Single Wire Wrist Strap Sets

Features

High quality hypoallergenic fabric wrist band features an unique locking snap face clasp that eliminates excess wrist band material. Paired with a premium coil cord in 6' or 12' lengths.

Specifications:
- Hypoallergenic Fabric Band
- Resistor: 1 Meg
- Hinged Clasp Secures Excess Fabric Band
- Color: Blue Strap, Black Cord
- Premium Coil Cord

Part Numbers	
WB8037	Set, 6', 4mm Hinged Band
WB8043	Set, 12', 4mm Hinged Band
WB8014	Band Only

Anti-Allergy Single Wire Wrist Strap Sets

Features

The ideal grounding device for people with allergies to common metals. It features hypoallergenic silver-plated nylon thread for conductivity and the back plate has a plastic cover so that metal does not come in contact with skin.

Specifications:
- Hypoallergenic Fabric Band
- Plastic Back Plate Covers All Metal
- 1 Meg Resistor
- Color: Maroon Band, Black Cord

Part Numbers	
WB5637	Set, 6', 4mm Machine Snap
WB5643	Set, 12', 4mm Machine Snap
WB5026	Band Only

Single Wire Coil Cords

Specifications:
- Premium Flat Face Snap for Solid Connection to Wrist Band
- Short Swivel Type Banana
- 2.5 mm Polyurethane Coil Insulation
- Lengths: 6', 12', and 20'

Specifications:
- Classic Molded Snap
- Swivel Type Banana Jack
- 2.5 mm Polyurethane Coil Insulation
- Snap Sizes: 4mm; 7mm; 10mm

Part Numbers

CC9037	Coil Cord, 6', 1 Meg, 4mm
CC9043	Coil Cord, 12', 1 Meg, 4mm
CC9037R	Coil Cord, 6', Rt. Angle, 1 Meg, 4mm
CC9043R	Coil Cord, 12', Rt. Angle, 1 Meg, 4mm
CC9020	Coil Cord, 20', 1 Meg, 4mm

Part Numbers

CC0037	Coil Cord, 6', 1 Meg, 4mm
CC0038	Coil Cord, 6', 1 Meg, 7mm
CC0039	Coil Cord, 6', 1 Meg, 10mm
CC0043	Coil Cord, 12', 1 Meg, 4mm
CC0044	Coil Cord, 12', 1 Meg, 7mm
CC0045	Coil Cord, 12', 1 Meg, 10mm

Dual Wire Coil Cords

Specifications:
- Double Insulated Jacket
- Stainless Steel Tip
- Plug Tip Diameter: 3.0 mm
- Available in with a Right Angle Plug
- Compatible with Dual Conductor Constant Monitors

Part Numbers

CC3050	Dual Wire, 6', 1 Meg
CC3100	Dual Wire, 10', 1 Meg
CC3200	Dual Wire, 20', 1 Meg
CC3050R	Dual Wire, 6', 1 Meg, Rt. Angle
CC3100R	Dual Wire, 10', 1 Meg, Rt. Angle
CC3200R	Dual Wire, 20', 1 Meg, Rt. Angle

Specifications:
- Double Insulated Jacket
- Two 4mm Snaps
- Banana: 3.5mm Phono Plug
- Right Angle Plug
- Compatible with Dual Conductor Constant Monitors

Part Numbers

CC2080	Dual Wire, 6', 1 Meg, Rt. Angle
CC2085	Dual Wire, 12', 1 Meg, Rt. Angle

Dual Wire Coil Cords

Specifications:
- Parking Jack On Snap Head
- Two 4mm Snaps
- Banana: 3.5mm Phono Plug
- Compatible with Dual Conductor Constant Monitors

Part Numbers

CC2695P-5	Dual Wire, 5' Parking Jack, 4mm
CC2695P-10	Dual Wire, 10' Parking Jack, 4mm
CC2695P-20	Dual Wire, 20' Parking Jack, 4mm

Interconnect Coil Cords

Specifications:
- Two Banana Plugs
- 8 feet Long
- No Resistor

Part Numbers

CC3000NR	Dual Banana, 8' No Resistor

Dual Wire Constant Monitors

The Resistance Ranger Series is the most reliable work-station monitoring system available. The extremely sensitive monitors accurately measure the electrical resistance of an ESD wrist band and work surface and signals if the devices fail. Audible and visible alarms are triggered if the operator's resistance exceeds 35 meg ohm or if the work surface exceeds 100 meg ohm. The Ranger Series saves time by eliminating time consuming testing and logging of wrist straps and coil cords.

RESISTANCE RANGER
CONSTANT MONITORS

Ohm Metrics
By Transforming Technologies

OP   MAT

BEST SELLER!

Features:
- RangerOne: One Operator
- RangerTwo: One Operator and One Work Surface
- Ultra Low Body Voltage

Compatible with dual wire wrist straps on page 4.

RangerPro: CM1600
Two Operator and Two Benches

Features:
- Monitors: Two Operators
  - Two Work Surfaces
  - Two Tool Grounds
- Ultra Low Body Voltage
- Output Signal for Alarm
- Fixed Alarm Limits

RangerPro1: CM2815
Two Operator and Two Benches
Network Ready

Features:
- Monitors: Two Operators
  - Two Work Surfaces
- Ultra Low Body Voltage
- Output Signal for Alarm
- Fixed Alarm Limits
- Network-Ready

RangerPro2: CM2800
Two Operator and Two Benches
Programmable Alarms

Features:
- Monitors: Two Operators
  - Two Work Surfaces
  - Two Tool Grounds
  - Operator Voltage
- Ultra Low Body Voltage
- Output Signal for Alarm
- Programmable Alarm Limits
- Network-Ready

Single Wire Constant Monitors

CM400 Series Single Wire Constant Ground Monitors
Using specialized capacitive sensing technology, the CM400 Series single wire ground monitors continuously monitor the single wire wrist straps and bench. Instant, audible alarm, and LED lights indicate a ground failure. Compatible with most single wire wrist bands. No calibration required! **See page 5 for single wire wrist straps.**

CM400
One Operator

CM410
One Operator and One Bench

CM420
Two Operators and One Bench

Two Layer Rubber

MT Series heavy-duty rubber matting is designed to be used on work-benches and ESD-safe test stations. This exceptional 2-layer static dissipative mat is manufactured from premium NBR rubber for a long lasting life. It is resistant to hot solder and chemical abrasion. The static dissipative top layer is backed by a conductive bottom layer for outstanding electrical properties. Versatile product with superior flat laying properties.

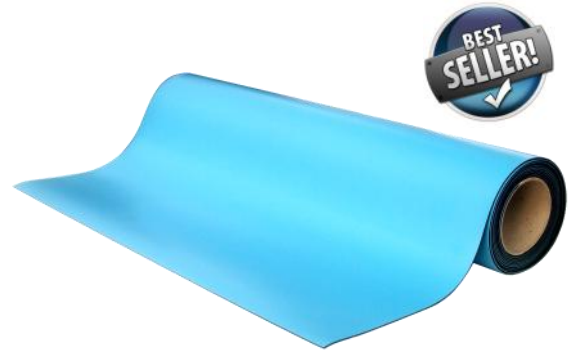| Size	Part No.	Part No.	Part No.	Part No.
Full Rolls	**Nasa Blue***	**Royal Blue***	**Green**	**Gray***
24" x 50'	MT4524B	MT4524RB	MT4524GN	MT4524GY
30" x 50'	MT4530B	MT4530RB	MT4530GN	MT4530GY
36" x 50'	MT4536B	MT4536RB	MT4536GN	MT4536GY
48" x 50'	MT4548B	MT4548RB	MT4548GN	MT4548GY

*Available in 0.060" thickness

Size	Part No.	Part No.	Part No.	Part No.
Mats	**Nasa Blue**	**Royal Blue**	**Green**	**Gray**
24" x 36"	MT2436B	MT2436RB	MT2436GN	MT2436GY
24" x 48"	MT2448B	MT2448RB	MT2448GN	MT2448GY
24" x 60"	MT2460B	MT2460RB	MT2460GN	MT2460GY
24" x 72"	MT2472B	MT2472RB	MT2472GN	MT2472GY
36" x 48"	MT3648B	MT3648RB	MT3648GN	MT3648GY
36" X 72"	MT3672B	MT3672RB	MT3672GN	MT3672GY

Four Colors Available!

Call for Custom Mat Sizes!

Specification:
- Rolls or Mats Available in Four Colors
- Meets ESD Industry Standards
- Thickness: 0.080"
- Hardness: 60 (Shore A)
- Tensile Strength: >1000 PSI
- RTG: 8×10^6-10^8 Ohms
- RTT: 2×10^6-10^8 Ohms
- Charge Decay (5kV to 50V): 0.01 Seconds
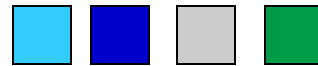
Textured Two Layer Rubber

The MT-Textured series is an exceptional 2-layer table mat composed of an embossed nitrile rubber on top and a natural rubber and styrene-butadiene rubber on the bottom. This material meets the industry standards per ANSI/ESD STM4.1 for resistance and the federal standard 101 method 4046 for static decay.

Size	Part No.	Part No.	Part No.	Part No.
Full Rolls	**Light Blue**	**Royal Blue**	**Green**	**Gray**
24" x 40'	MTT2440B	MTT2440RB	MTT2440GN	MTT2440GY
30" x 40'	MTT3040B	MTT3040RB	MTT3040GN	MTT3040GY
36" x 40'	MTT3640B	MTT3640RB	MTT3640GN	MTT3640GY
48" x 40'	MTT4840B	MTT4840RB	MTT4840GN	MTT4840GY

Size	Part No.	Part No.	Part No.	Part No.
Mats	**Light Blue**	**Royal Blue**	**Green**	**Gray**
24" x 36"	MTT2436B	MTT2436RB	MTT2436GN	MTT2436GY
24" x 48"	MTT2448B	MTT2448RB	MTT2448GN	MTT2448GY
24" x 60"	MTT2460B	MTT2460RB	MTT2460GN	MTT2460GY
24" x 72"	MTT2472B	MTT2472RB	MTT2472GN	MTT2472GY
36" x 48"	MTT3648B	MTT3648RB	MTT3648GN	MTT3648GY
36" x 72"	MTT3672B	MTT3672RB	MTT3672GN	MTT3672GY

Specification:
- Rolls or Mats Available in Four Colors
- Meets ESD Industry Standards
- Non-Skid Textured Surface
- Thickness: 0.080" (2mm)
- RTG: 10^6-10^8 Ohms

Three Layer Vinyl

VinylStat A is the ultimate in static dissipative flexible surfaces. A solid vinyl, homogeneous mat with a buried conductive layer gives VinylStat A superior physical and unsurpassed electrical qualities.

Size	Part No.	Part No.
Full Rolls	**Light Blue**	**Gray**
24" x 50'	VMA2450B	VMA2450GY
30" x 50'	VMA3050B	VMA3050GY
36" x 50'	VMA3650B	VMA3650GY
48" x 50'	VMA4850B	VMA4850GY

Specification:
- Meets ESD Industry Standards
- Emboss Pattern: KidGrain
- RTG: 10^6-10^8 ohms
- RTT: 10^6-10^8 ohms
- Elongation 125% Minimum
- Tear 150 lb/in Minimum
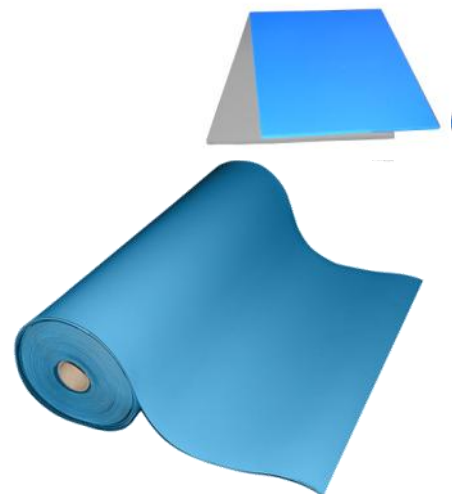
Three Layer Vinyl with Foam Back

VinylStat B utilizes a unique three layer design consisting of a conductive metalized fleece sandwiched between a solid, vinyl top surface and an ergonomic foam layer base. Resistant to degradation by inorganic acids, organic acids, reducing agents, detergent solutions, alcohols, aliphatic hydrocarbons, mineral oil, amines, and aldehydes.

Size	Part No.	Part No.
Full Rolls	**Light Blue**	**Gray**
24" x 50'	VMB2450B	VMB2450GY
30" x 50'	VMB3050B	VMB3050GY
36" x 50'	VMB3650B	VMB3650GY
48" x 50'	VMB4850B	VMB4850GY

Specification:
- Meets ESD Industry Standards
- Emboss Pattern: KidGrain
- RTG: 10^6-10^8 ohms
- RTT: 10^6-10^8 ohms
- Elongation: 110% Minimum
- Tear: 800 lb/in Minimum
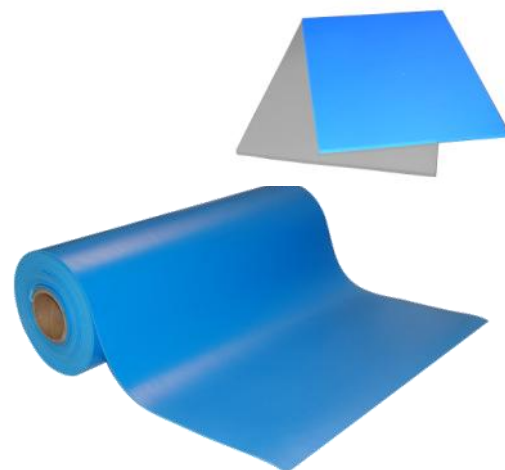
Homogeneous Vinyl

A homogeneous polymer mix construction with unsurpassed electrical properties, gives VinylStat C a consistent, controlled static drain and physical properties with highest level of protection. Also available in a 0.0625" thickness (VinylStat D).

Size	Part No.	Part No.
Full Rolls	**Light Blue**	**Gray**
24" x 50'	VMC2450B	VMC2450GY
30" x 50'	VMC3050B	VMC3050GY
36" x 50'	VMC3650B	VMC3650GY
48" x 50'	VMC4850B	VMC4850GY

Size	Part No.	Part No.
Full Rolls	**Light Blue**	**Gray**
24" x 50'	VMD2450B	VMD2450GY
30" x 50'	VMD3050B	VMD3050GY
36" x 50'	VMD3650B	VMD3650GY
48" x 50'	VMD4850B	VMD4850GY

Specification:
- Meets ESD Industry Standards
- Emboss Pattern: KidGrain
- RTG: 10^6-10^8 ohms
- RTT: 10^6-10^8 ohms
- Elongation: 110% Minimum
- Tear 80lb/in Minimum
- Gauge: VinylStat C: 0.093"
  VinylStat D: 0.0625"
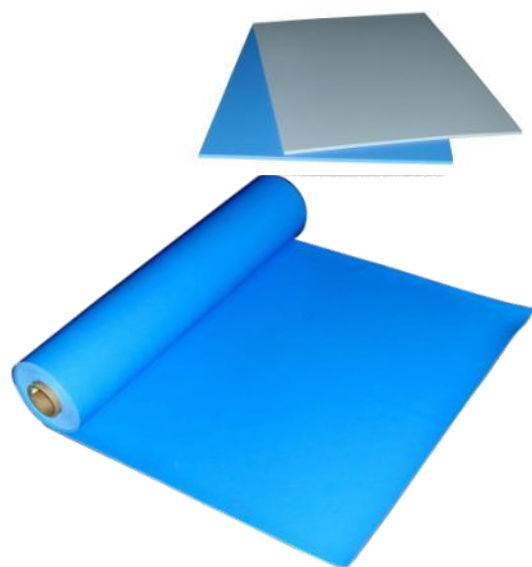
ESD Safe Workstation Kits

Everything you need to set up an ESD safe workstation in one box. The Transforming Technologies Workstation Kits feature an ESD rubber table mat and floor mat complete with a wrist strap and ground cords. Choose from the following floor mats: 0.080" rubber, 0.375" vinyl anti-fatigue, Comfort Dome™ bubble mat, or a 0.125" V-groove floor runner. Included in each kit is a low profile common point ground cord, floor mat cord, and fabric wrist band set.
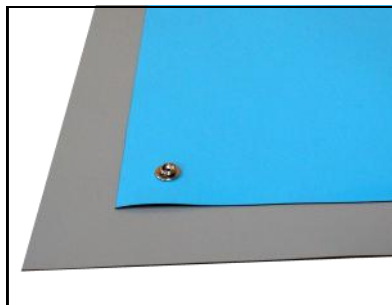
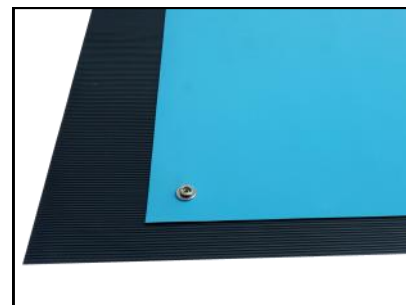| Part Numbers |
|---|
| TTB12436 2' x 3' Rubber Table Mat, 3' x 5' Vinyl Anti-Fatigue Mat |
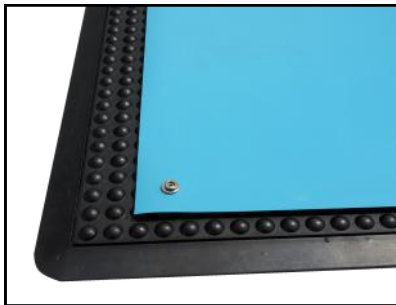
Part Numbers
TTB22436 2' x 3' Rubber Table Mat, 3' x 4' Comfort Dome™ Mat

Part Numbers
TTB32436 2' x 3' Rubber Table Mat, 3' x 5' Rubber Mat

Part Numbers
TTB42436 2' x 3' Rubber Table Mat, 3' x 5' Vinyl Floor Runner

Field Service Kit

The FSM2424 Field Service Mat is made from a rugged, three-layer embossed PVC material and provides service personnel with a static free work area for handling sensitive devices. The 24" x 24" mats edges are bound for durability and the outer layer is resistant to punctures and tears. A buried conductive layer provides reliable decay of static charges. Lightweight and easy to fold for storage.

Specification:

- Two 10mm Male or Female Snaps
- Color: Blue or Red
- Two 8" x 12" Pockets
- Adjustable WB1637 Fabric Wrist Band Set
- CP1518 Ground Cord with Bull Dog Clip
- Surface Resistance : $>1 \times 10^{6}$ - $<1 \times 10^{9}$

Part Numbers	
FSM2424R	Field Kit, Red, Male
FSM2424B	Field Kit, Blue, Male
FSM2424RF	Field Kit, Red, Female
FSM2424BF	Field Kit, Blue, Female

Comfort Gel™ Anti-Fatigue Mats

The Comfort Gel™ Anti-Fatigue matting is developed to prevent worker fatigue where static control is an issue. The extremely comfortable mat is constructed from a close cell rubberized gel foam and can be cleaned for controlled environments.
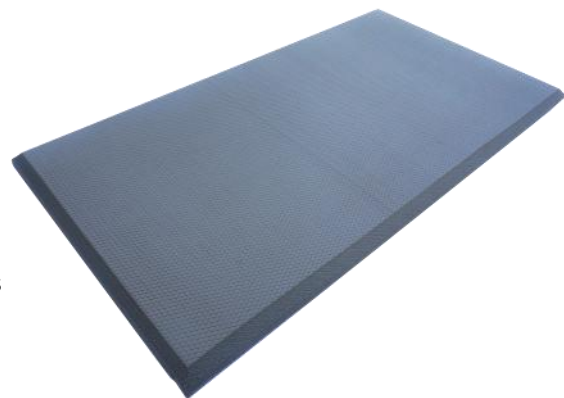
Size	Part No.
20"x3'	FM62036
2'x3'	FM62436
3'x5'	FM66036

Specification:
- Meets ESD Industry Standards
- Thickness: 0.625"
- RTT: 5.68×10^7.
- Emboss Pattern: Pebble

Comfort Dome™ Anti-Fatigue Mats

Comfort Dome™ ESD Anti-Fatigue is a 100% conductive rubber molded dome that provides unparalleled comfort in areas where static control is a concern. Evenly spaced domes on the surface of the mat provides superior anti-fatigue relief and slip resistance. Available in single work area mats or in interlocking sections for long assembly lines.

Size	Part No.
Mats	
2' x 3'	FM52X3
3' x 4'	FM53X4

Size	Part No.
Interlocking Floor Runners	
3' x 4'	FM53X4IC - Interlocking Piece
3' x 4'	FM53X4EP - End Piece

Specification:
- Meets ESD Industry Standards
- Emboss Pattern: Bubble Dome
- Thickness: 0.125"
- RTT: 10^3-10^5 ohms

VinylStat Anti-Fatigue Mats

VinylStat Anti-Fatigue Mats are constructed with a closed-cell expanded PVC and available in brown or gray. They are available in single work area mats or runners for long assembly lines. Worker fatigue has been shown to lower productivity and morale which has a large impact on profitability. Damage due to static can have a similar drain on the bottom line. Solve both problems with the VinylStat anti-fatigue matting.

Size	Part No.	Part No.
Full Rolls	Gray	Brown
3' x 60'	FM236720GY	FM236720BN
4' x 60'	FM248720GY	FM248720BN

Size	Part No.	Part No.
Cut Mats	Gray	Brown
2' x 3'	FM22436GY	FM22436BN
3' x 5'	FM23660GY	FM23660BN

Specification:
- Emboss Pattern: Tennis
- Thickness: 0.375"
- RTT: 1×10^9 - 9×10^{10} ohms

Vinyl Floor Runners

A homogeneous polymer mix of durable PVC, VinylStat FM3 solid floor runners are designed to provide a static safe work area for a wide variety of applications. FM3 floor runners are permanently static dissipative and feature a non-slip V-groove emboss pattern.

Size	Part No.	Part No.
Full Rolls	3' x 60'	4' x 60'
	FM336720GY	FM348720GY

Size	Part No.	Part No.
Cut Mats	2' x 3'	3'x 5'
	FM32436GY	FM33660GY

Specification:
- Emboss Pattern: V-groove
- Thickness: 0.125"
- RTT: 1.0^8-9 x 10^9ohms
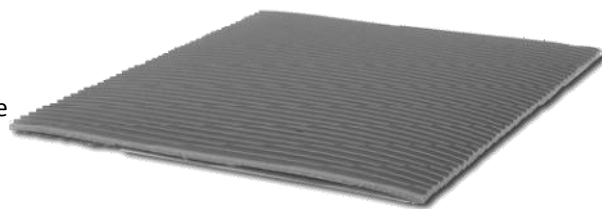
ESD Chair Mats

The ESD Chair Mats are the perfect floor covering for rolling chairs when static protection is a priority. The ESD Chair Mats are made of rigid solid vinyl with a buried conductive layer, giving it consistent electrical properties. Available in runners, workstation mats, and office-style desk mats.

Size	Part No.	Size
Full Rolls	FM74X75	4' x 75'
Office Mat	FM7CHAIR	46" x 50"

Size	Part No.	Size
Cut Mats	FM73648	3' x 4'
	FM74872	4' x 6'

Specification:
- Meets ESD Industry Standards
- Thickness: 0.093"
- RTT: 10^3– 10^5.
- Emboss Pattern: Pebble

Floor Tiles

This ESD matting is capable of tolerating the heavy loads and harsh conditions associated with industrial environments while providing an ESD-safe area for people required to stand for long periods of time. Safety ramp edging, in matching black or high visibility yellow, ensures a safer transition to and from the ESD work area. The interlocking design makes the flooring simple to install and easy to configure.

Part No.	Type
PV3010	ESD Tile - 20"x20"x1"
PV3110	Female Edge Yellow- 4" X 20"
PV3112	Male Edge Yellow- 4" X 20"
PV3114	Corner Female Edge Yellow- 4" X 20"
PV3116	Corner Male Edge Yellow- 4" X 20"
PV3210	Grounding Plate

Specification:
- Meets ESD Industry Standards
- Firm, Low Compression, Tolerates Harsh Conditions
- Size: 20" x 20" x 1"
- RTT: 1×10^5 to 5×10^8
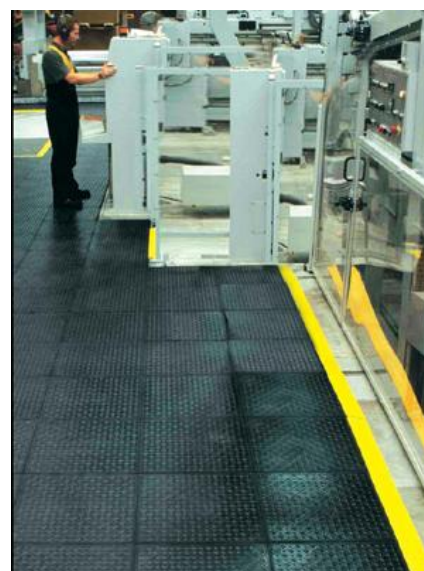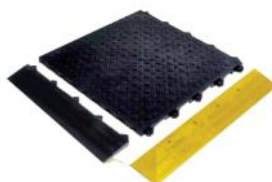
Common Point Grounds

Features:
- 15' long
- Molded 1meg Resistor
- Two Banana Jacks
- #10 Ring Terminal
- Male 10mm Snap
- Bulldog Clip Available

Part Numbers

CP1518   Common Point Ground, Male
CP1518BD Common Point Ground, Female

Features:
- 15' long
- Molded 1meg Resistor
- Two Banana Jacks
- #10 Ring Terminal
- Male 10mm Snap

Part Numbers

CP2522   Low Profile Common Point, Male
CP2524   Low Profile Common Point , Female

Features:
- 15' long
- Molded 1meg Resistor
- Four Banana Jacks
- #10 Ring Terminal
- Male 10mm Snap

Part Numbers

CP4822   Low Profile Common Point Ground, Male

Features:
- Metal Bench Mount Ground
- 15' Long
- #10 Ring Terminal
- Two Banana Jacks
- Two Parking Studs

Part Numbers

CP4070   Metal Mount Ground

Floor Mat Grounds

Features:
- Low Profile Molded Head
- 15' Long
- #10 Ring Terminal
- Male or Female 10mm Snap

Part Numbers

FM1515   Floor Ground, Male
FM1517   Floor Ground, Female

Field Service Grounds

Features:
- Wrist Band Section: 10'
- Ground Cord Sections: 5'
- #10 Ring Terminal
- Molded Male Center Snap

Part Numbers

FM2000   Field Service Ground, Two Snaps, Banana

Grounding Hardware

Features:
- Push and Clinch Snaps
- Pronged 10mm Sockets
- 10mm Studs.
- Easily Installs Onto Multi-layer Rubber or Vinyl.

Part Numbers

CS1010   Clinch Snap, 10mm, Female
CS1020   Clinch Snap, 10mm, Male

Features:
- Universal Snap Kit 10mm Socket & Stud
- Two Screw Lengths
- Base and Washer

Part Numbers

CS1090   Universal Snap Kit

Features:
- Provides Easy Access to a Properly Tested AC Equipment Ground
- Size: (0.162" - 0.164" ± 0.002" ID)
- Color: Black

Part Numbers

AD22   Ground Outlet Adapter

Features:
- Molded Stacking Snap
- Male and Female Snap
- Accepts Banana Plug

Part Numbers

CS0127   Molded Banana, 10mm Stud & Socket

BFN AC Ionizers

BFN AC Ionizers

The BFN series ionizers, with inherently stable AC technology, provides excellent balance and rapid charge decay for secure workstation protection. The BFN series use corona ionizing technology to produce a balanced output of positive and negative air ions. Typical ion balance of the BFN series is less than ±10 volts and decay times can be less than 2 seconds (1000v to 100v per ANSI/ESD STM3.1). The BFN series is available in four models and each is ruggedly built using a steel enclosure and quality components. Regular cleaning of the emitter points is made easy on the BFN series ionizers as they include integrated emitter point cleaners.

All BFN Model Ionizers Include:
- A Full 1 Year Warranty
- CE Certification
- Integrated Emitter Point Cleaners
- Titanium Alloy Emitter Points for Long Life
- Rugged Steel Enclosures

BFN802 & BFN803 Overhead Ionizers

The BFN overhead ionizing blowers combine excellent ESD performance with user friendly features to create the premier overhead ESD workstation solution. The ionizers are equipped with energy efficient LED task lights to help alleviate eye strain and headaches - all while saving on energy costs. User friendly features such as integrated emitter point cleaners, removable front and rear fan guards, and safety switches provide for safe operation and easy maintenance access.

Features:
- Two and Three Fan Versions
- High Efficiency LED Lighting
- Overhead Installation Frees Up Workspace
- Integrated Emitter Cleaners
- Removable Finger Guards with Auto Shut-Off Sensor
- Typical Balance: +10volts

BFN802 Specifications:
Decay Time: <3 sec. @ 18"
Size: 6.75"H x 23"W x 3.35"D
Weight: 12.8lbs
Power: 120VAC, 60 Hz., 70W
        220VAC, 50 Hz.
Air Volume Output:
(Low)100 CFM - (High) 200 CFM
Effective Coverage: 2' x 3' area

BFN803 Specifications:
Decay Time: <3 sec. @ 18"
Size: 6.75"H x 38.78"W x 3.35"D
Weight: 18.7lbs
Power: 120VAC, 60 Hz., 70W
        220VAC, 50 Hz.
Air Volume Output:
(Low)150 CFM - (High)300 CFM
Effective Coverage: 2' x 4' area

BFN801 Bench Top Blower

The BFN801 bench top ionizing blower, with inherently stable AC technology, provides excellent balance and rapid charge decay for secure workstation protection. Designed to protect the most sensitive electronic devices, the BFN801 uses corona ionizing technology to continuously produce a balanced output of positive and negative air ions to neutralize static charges.

Features:
- Small Footprint Frees Valuable Work Space
- Removable Finger Guards with Auto Shut-Off Sensor
- Rugged Steel Construction
- Typical Balance: $\pm$10volts

Specifications:
Decay Time: <2 sec. @ 12"
Size: 10.25"H x 7"W x 3.75"D
Weight: 8.25lbs
Power: 120VAC, 60 Hz., 36W
           220VAC, 50 Hz.
Air Volume Output:
(Low) 50 CFM- (High) 100 CFM
Effective Coverage: 1' x 5' Area

BFN8412 Extended Range Blower

The BFN8412 extended range ionizing blower, with AC technology, provides excellent balance and stability for secure workstation protection. Designed to cover a broad 3' x 6' area, the BFN8412 uses AC technology to continuously produce a balanced output of positive and negative air ions. An integrated heater warms the air for operator comfort.

Features:
- Reliable AC Output
- Extended Performance Range
- Integrated Heater and Emitter Cleaner
- Removable Finger Guards with Auto Shut-Off Sensor
- Typical Balance: $\pm$10volts

Specifications:
Decay Time: <1.5 sec. @ 12"
Size: 10.25"H x 7"W x 3.75"D
Weight: 15.2lbs
Power: 120VAC, 60 Hz., 350W(max)
           220VAC, 50 Hz.
Air Volume Output: 50 CFM - 230 CFM
Effective Coverage: 3' x 6' area

IN1200 Series Ion Bars

With the combination of pulsed Dual DC technology and a unique design, the IN1200 provides uniform static elimination at high speeds. The IN1200 quickly and efficiently controls static in mini-environments, laminar flow hoods and wide-area workstation applications. It is a highly effective tool in electronics, plastics, chemicals, printing, textile, optical and other industries. Available in 22", 44" or 64" lengths.

Features:
- Pulse Dual DC Ionizing Technology
- Unique Aerodynamic Design
- Patented Molded Emitter
- LED Readout

Specifications:
Decay Time: <2 sec. @ 12"
Length: L 22", 44" and 64"
Power: 120VAC, 60 Hz., 36W
           220VAC, 50 Hz.
Air Pressure: 70psi

Patented Molded Emitter

Ptec™ Ionizer Technology

Ptec™ static elimination devices use a specialized piezo technology that offers exceptionally fast static decay capabilities with excellent balance stability, all in a small footprint. Ptec™ ionizers produce a 68KHz AC output of approximately 2200V and a continuous stream of balanced air ions. Ptec™ ionizers save time and money because they require no calibration. Emitter life is increased and maintenance frequency is reduced due to 68KHz AC ion emission.

All Ptec™ Ionizers Include:
- A Full 1 Year Warranty
- CE Certification
- High Voltage Alarm
- Titanium Alloy Emitter Points for Long Life

IN6430 Ionizing Gun

IN6430 ionizing air gun integrates best-in-class AC performance as well as mechanical and ergonomic design features into a superior and affordable package. We eliminate high voltage cables by locating the power supply in the ionizing gun handle. Our OSHA compliant emitter nozzle protects both the operator and ionizer.

Features:
- Fast Charge Decay
- Integrated Air/Power Cable
- Optional .01 Micron Filter
- Balanced to 0+30 Volts

Specifications:
Decay Time: <2 sec. @ 12"
Size: Hand Unit: 8.5"H x 4"W x 1"D
     Console: 3.5"H x 6.25"W x 1.5"D
Weight: 1.12lbs
Air/Gas Pressure: 20psi min, 75psi max
Power: 100-240 VDC, 50/60Hz., un-fused, 0.5A or 1.0A max

IN5110 Bench Top Blower

The IN5110 AC air ionizer is a high frequency unit that provides both reliability and performance. A lightweight and compact design combined with an adjustable blowing angle makes the IN5110 a versatile bench top solution.

Features:
- Ionization Indicator and Alarm Light
- Variable Fan Speed Control
- Typical Balance: +10volts

Specifications:
Decay Time: <2 sec. @ 12"
Size: 7.5"H x 7.1"W x 2.7"D
Weight: 2.8lbs
Power: 24VDC, 12W, un-fused, 0.5A or 1.0A max
Air Volume Output: 115 CFM, High Speed

IN5120 In-Tool Blower

Utilizing the small physical profile of the Ptec™ piezo technology, the IN5120 is small enough to fit inside many electronic manufacturing tools and powerful enough to provide reliable ESD protection. The IN5120 is especially useful in space-constrained applications.

Features:
- Compact Size
- Stable Ptec™ AC Output
- Ionization Indicator and Alarm Light
- Typical Balance: +10Volts

Specifications:
Decay Time: <3 sec. @ 12"
Size: 5.5"H x 5.5"W x 2.28"D
Weight: 1.4lbs
Power: 24VDC, 12W, un-fused, 0.5A or 1.0A max
Air Volume Output: 32 CFM, High Speed

IN5130 Overhead Ionizer

The IN5130 easily provides fast static charge decay over a standard work surface area. The IN5130 overhead ionizers are designed to be daisy-chained for easy integration into the manufacturing environment.

Features:
- Stable Ptec™ AC Output
- Daisy-Chain Design
- Variable Fan Speed Control
- Balanced to 0±10 Volts

Specifications:
Decay Time: <6 sec. @ 24"
Size: 2.5"H x 39.4"W x 5.75"D
Weight: 11.0lbs
Power: 100-240 VAC, 36W, un-fused, 0.5A or 1.0A max
Air Volume: Output 300 cfm, High Speed

IN3425 Ionizing Nozzle

The IN3425 works efficiently with clean, dry air and nitrogen, and is capable of 100 psi input. Optional nozzle tips makes it extremely versatile, and its small size enables it to ionize hard to reach areas. Available with a photoelectric switch for automatic operation.

Features:
- Fast Charge Decay
- Optional Nozzle Tips
- Optional .01 Micron Filter
- Typical Balance: ±10volts
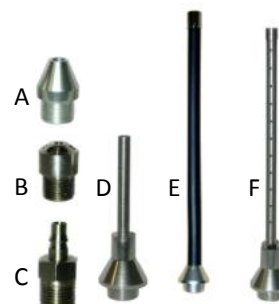- Available with Photoelectric Switch (IN3425PE)

Specifications:
Decay Time: <1 sec. @ 24"
Size: 2.0" x 7.1" x 2.7"
Weight: 1.0lbs
Air/Gas Pressure: 5psi min, 100 psi max
Power: 24 VDC, 12W, un-fused, 0.5A or 1.0A max
Gas Tube: 1/4" OD

Nozzle Tips:
A: N0010: Standard 15°
B: N0020: Wide Angle
C: N0030: Luer Lock
D: N0040: Long Range
E: N0050: Bendable
F: N0060: Manifold

IN4000 Flexible Ionizing Nozzle

The IN4000 flexible nozzle neck frees the operator's hands during assembly and manufacturing processes. A foot pedal or photoelectric eye controls both ionization and airflow, which reduces compressed air costs and extends the life of the ionizer.

Features:
- Fast Charge Decay
- Flexible Metal Neck
- Works with IN3425 Nozzle Tips
- Optional .01 Micron Filter
- Footswitch or Photoelectric Eye Operation (IN4000PE)
- Typical Balance: ±10volts

Specifications:
- Decay Time: <2 sec. @ 24"
- Size: 12"H x 5.75"W x 7.25"D
- Weight: 28lbs
- Power: 100-240VCA, 50/60Hz, un-fused, 0.5A or 1.0A max
- Air/Gas Pressure: 10psi min, 100 psi max
- Gas Tube: 1/4" OD

9010 ESD Jackets

Transforming Technologies 9010 ESD Jackets provide high quality ESD protection at great value with a light weight blend of 90% polyester and 10% conductive fiber fabric. The 9010 Series garments maintain consistent continuity readings for up to 100 wash cycles and are certified as a groundable garment, the highest ESD standard for garments. Features include a snap front closure, wrist-adjustment snaps, three roomy patch pockets, and lapel-style collars.

Features

- 90% polyester / 10% carbon
- Surface Resistivity: $<10^6$
- Garments are available in light blue, teal, maroon, white and black.
- Adjustable three snap cuff for proper fit.

Five Colors Available!
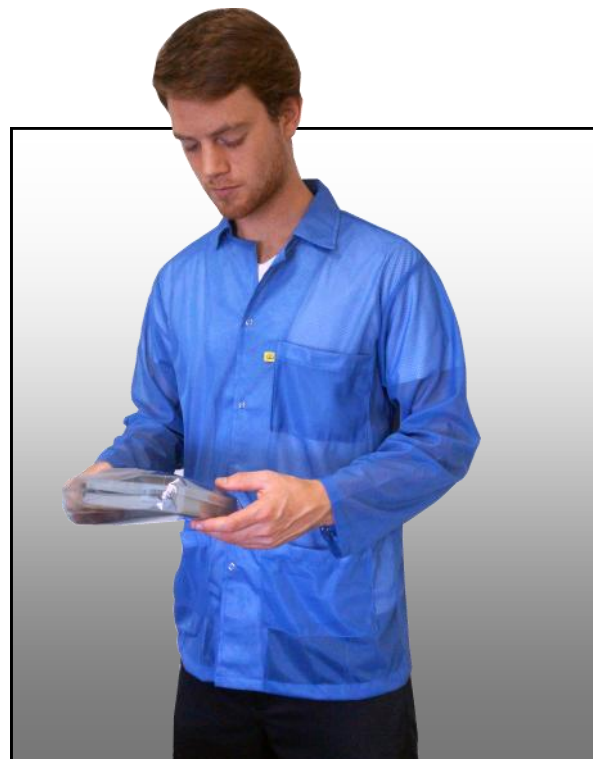
The 9010 Jackets' blend of polyester and cotton provides excellent ESD protection at great value.

**Lapel Collar
ESD Jacket
*90% Polyester,
10% Cotton,***
- Lapel Collar
- Snap Closure
- Three Snap Cuff
- 3/4 length

Custom Embroidery Services

We offer custom logos and name identification on all of our jackets. We can print your logo, your name, or just about anything you can think of with no minimum order quantities. The markings are soft and breathable and de-signed to withstand washing for the life of the jacket.

- We can print almost any logo, design, or text
- Withstands multiple washings
- Markings are soft and breathable
- Markings will not crack or peel

Part Number	Snap Cuff
Light Blue	JKC90(SIZE*)SPLB
White	JKC90(SIZE*)SPWH
Teal	JKC90(SIZE*)SPTL
Black	JKC90(SIZE*)SPBL
Maroon	JKC90(SIZE*)SPMR

*Use Numbers: SM(22) M(23) L(24) XL(25) 2XL(26) 3XL(27) 4XL(28) 5XL(29)

5049 Cotton Poly ESD Jackets

The valuable combination of blending polyester and cotton makes 5049 garments more comfortable to wear than polyester garments. Superior workmanship provides reliable panel to panel continuity of the garment. The 5049 Series Garment maintains consistent continuity readings for up to 100 wash cycles. Available in a waist length jacket or full length lab coat.

Features

- 66% polyester / 32% cotton / 2% carbon fabric blend for a comfortable feel
- Surface Resistivity: 10^6
- Garments are available in blue and white
- Adjustable snap cuff for proper fit
- ESD cuff with snap-to-ground feature is also available.

Two Colors Available!

The 5049 Jackets' blend of cotton and polyester makes for unmatched comfort. *Shown with knit cuffs.*

**Lapel Collar
ESD Jacket**
*66% Polyester,
32% Cotton,
2% Carbon*

- Lapel Collar
- Snap Closure
- Snap or Knit Cuff
- Waist Length

Part Number	Snap Cuff	Knit Cuff
Light Blue	JWC54(SIZE*)SPLB	JWC54(SIZE*)LB
White	JWC54(SIZE*)SPWH	JWC54(SIZE*)WH

*Use Numbers: SM(02) M(03) L(04)
XL(05) 2XL(06) 3XL(07) 4XL(08) 5XL(09)

**Lapel Collar
ESD Lab Coat**
*66% Polyester,
32% Cotton,
2% Carbon*

- Lapel Collar
- Snap Closure
- Snap or Knit Cuff
- Full Length

Part Number	Snap Cuff	Knit Cuff
Light Blue	JLC54(SIZE*)SPLB	JLC54(SIZE*)LB
White	JLC54(SIZE*)SPWH	JLC54(SIZE*)WH

*Use Numbers: SM(02) M(03) L(04)
XL(05) 2XL(06) 3XL(07) 4XL(08) 5XL(09)

8812 Light Weight ESD Jackets

Transforming Technologies' lightweight garment, the 8812 jacket is the ideal tool for protecting your most sensitive products while keeping cool and comfortable. The 8812 is fabricated from 88% lightweight polyester and 12% carbon fabric for unmatched operator comfort. Superior workmanship provides reliable panel-to-panel continuity that maintains consistent readings for up to 100 wash cycles.

Features

- 88% Polyester / 12% Carbon Fabric
- Surface Resistivity: 6.98 x 10^5
- Available in Blue, White, and Maroon
- Lapel Collar or V-neck
- Adjustable Snap Cuff for Proper Fit
- Hip-to-Cuff Grounding is also Available

Three Colors Available!
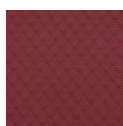
The 8812 Series Jackets are light weight and breathable. *Shown with knit cuffs.*

**Lapel Collar
ESD Jacket**
*88% Polyester,
12% Carbon*

- Lapel Collar
- Snap Front
- Snap or Knit Cuff
- 3/4 Length

Part Number	Snap Cuff	Knit Cuff
Light Blue	JKC88(SIZE*)SPLB	JKC88(SIZE*)LB
White	JKC88(SIZE*)SPWH	JKC88(SIZE*)WH
Burgundy	JKC88(SIZE*)SPBG	JKC88(SIZE*)BG

*Use Numbers: SM(02) M(03) L(04) XL(05) 2XL(06) 3XL(07) 4XL(08) 5XL(09)

V-Neck ESD Jacket
*88% Polyester,
12% Carbon*

- V-Neck Collar
- Snap Front
- Snap or Knit Cuff
- 3/4 Length

Part Number	Snap Cuff	Knit Cuff
Light Blue	JKV88(SIZE*)SPLB	JKV88(SIZE*)LB
White	JKV88(SIZE*)SPWH	JKV88(SIZE*)WH
Burgundy	JKV88(SIZE*)SPBG	JKV88(SIZE*)BG

*Use Numbers: SM(21) M(22) L(23) XL(24) 2XL(25) 3XL(26) 4XL(27) 5XL(28)

High Temp ESD Hot Glove

Have static protection and heat protection in a clean room compatible glove. FG gloves use monofilament Nomex® woven fabric suffused with carbon fiber and enhance the heat protection with a 100% inner insulating tricot knit polyester fabric liner. Gloves resist up to 572° F (300°C). Available in 11" and 16" in Small, Medium, Large, XL and 2XL.

11"

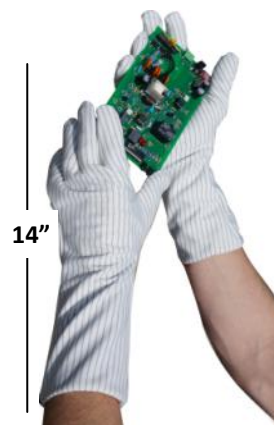| Part Numbers	
FG2601	ESD Hot Gloves 11" Small
FG2602	ESD Hot Gloves 11" Med
FG2603	ESD Hot Gloves 11" Large
FG2604	ESD Hot Gloves 11" X-Large
FG2605	ESD Hot Gloves 11" 2X-Large

16"

Part Numbers	
FG3901	ESD Hot Gloves 16" Small
FG3902	ESD Hot Gloves 16" Med
FG3903	ESD Hot Gloves 16" Large
FG3904	ESD Hot Gloves 16" X-Large
FG3905	ESD Hot Gloves 16" 2X-Large

ESD Hot Glove

GL9100 series ESD safe hot gloves use a polyester knit fabric suffused with carbon fiber for ESD protection. Heat protection is enhanced with a 100% inner tricot knit polyester fabric liner and a full 14 inch length. A cuff mounted grounding snap is also included. Gloves resist up to 302°F(150°C). Available in Small, Medium, Large, XL.

14"

Part Numbers	
GL9101	ESD Hot Gloves 14" Small
GL9102	ESD Hot Gloves 14" Med
GL9103	ESD Hot Gloves 14" Large
GL9104	ESD Hot Gloves 14" X-Large

Inspection Gloves

ESD inspection gloves are designed to be worn when handling ESD susceptible items when cleanliness and tactile feel are important. The gloves are made with dissipative (10^5-10^8 ohms) conductive fibers to reduce charge generation. Available with polyurethane coated finger tips or palms to minimize fingerprints and scratches on film or other products. Sizes: X-small, Small, Med, Large, X-Large and 2X-Large.

Plain

Part Numbers	
GL4501	ESD Gloves, Plain, X-Small
GL4502	ESD Gloves, Plain, Small
GL4503	ESD Gloves, Plain, Med
GL4504	ESD Gloves, Plain, Large
GL4505	ESD Gloves, Plain, X-Large
GL4506	ESD Gloves, Plain, 2X-Large

Coated Palm

Part Numbers	
GL4501P	ESD Gloves, Palm, X-Small
GL4502P	ESD Gloves, Palm, Small
GL4503P	ESD Gloves, Palm, Med
GL4504P	ESD Gloves, Palm, Large
GL4505P	ESD Gloves, Palm, X-Large
GL4506P	ESD Gloves, Palm, 2X-Large

Coated Finger Tips

Part Numbers	
GL4501T	ESD Gloves, Finger, X-Small
GL4502T	ESD Gloves, Finger, Small
GL4503T	ESD Gloves, Finger, Med
GL4504T	ESD Gloves, Finger, Large
GL4505T	ESD Gloves, Finger, X-Large
GL4506T	ESD Gloves, Finger, 2X-Large

Ohm Metrics™ Test & Measurement

Useful, reliable tools for characterizing and identifying the electrical resistance of materials and the performance of personal grounding products.

- All **Ohm Metrics™** products are designed to support ESDA Compliance Verification TR53.
- All **Ohm Metrics™** products can be calibrated.
- All **Ohm Metrics™** test and measurement products come with a 1 full year warranty.

Combo Test Stations

PDT700K

Easy, accurate, and time saving one-touch digital ground tester. Simultaneously and independently test both feet and a wrist strap while filtering out human body noise. The proactive "Near-Fail" indicator alerts the user that the ESD grounding device under test is nearing failure levels.

Features:
- Near-Fail Alert
- 100% Independently Test Both Feet
- Human Body Noise Filtration
- Wrist Strap Test Limits: 1Meg~35Meg Ohm (Default)
- Footwear Circuit : 1Meg~100Meg Ohm (Default)

PDT800K

Comprehensive, accurate tool to fully meet your daily ESD checking needs. Independently tests the left and right foot along with wrist band. Innovative LCD screen will instantly display the test result and the measured resistances. The proactive "Near-Fail" indicator alerts the user that the ESD grounding device under test is nearing failure levels.

Features:
- Digital Readout
- Near-Fail Alert
- 100% Independently Tests Both Feet
- Human Body Noise Filtration
- Wrist Strap Test Limits: 1Meg~35Meg Ohm (Default)
- Footwear Circuit : 1Meg~100Meg Ohm (Default)

GTS600K

Space saving, versatile combo grounding tester that allows for accurate and cost effective testing of ESD ground devices. A dual test circuits gives the option for both wrist strap and footwear testing and a positive rocker switch makes test mode selection easy.

Features:
- Positive Rocker Mode Selection Switch
- Wrist Strap Test Limits: 750K~10Meg Ohm (Default)
- Footwear Circuit : 750K~100Meg Ohm (Default)

GTS900K

Deluxe three-state touch tester designed for fast and accurate testing of ESD ground devices. A unique dual test circuit eliminates the need for separate wrist-strap and foot grounder testers which saves money and space.

Features:
- 100% Independently Tests Both Feet
- 9 Volt Test
- Molded Foot Plate
- Wrist Strap Test Limits: 750K~12Meg Ohm (Default)
- Footwear Circuit : 750K~120Meg Ohm (Default)

Digital High Resistance Tester

METRISO® 3000

The METRISO® 3000 is a digital high resistance tester capable of measuring point-to - point resistance and resistance to ground measurements. The meter includes an integrated data logger with USB communication port for data transmission for up to 50,000 test values, temperature and relative humidity sensor, PC software, 2 probes, a hand-held probe, calibration certificate, and a conductive carrying case fitted with dissipative pink foam.

Features:
- Performs RTT & RTG
- Integrated Data Logger
- Humidity and Temperature Sensor
- Barcode Scanner

Specifications:
- Test Voltage / Test Current: 1 mA $\leq$ I $\leq$ 1,3 mA
- High Ohmic range: DC 10V,100V, & 500V
- Test Range: Low Ohmic Range: 0 to 10K Ohm
  High Ohmic Range: 1K Ohm to 1,2T Ohm
- Operation: Battery Operated
- Probes: Two 5lbs with Conductive Rubber
  One Hand-Held Probe

Resistance Test Kit

SRM500K

A digital surface resistance test kit that accurately measures RTT and RTG. Suitable for factory audits and test lab evaluations. The Ohm Metrics SRM500K also measures ambient temperature and humidity.

Features:
- Measures Temperature and Humidity
- Probes: Two 5 Pound Disk Probes
- Carrying Case
- Test Range: 1K Ohm -10T Ohm
- Test voltage: 10V/100V
- Accuracy: + 5%

Portable Resistance Meter

SRM310

Perfect for periodic RTT and RTG measurement of dissipative and conductive surfaces.

Features:
- Small, Portable Size
- Power: Replaceable 9V Battery
- Test Voltage: Regulated 9V DC
- Accuracy: $\pm$ 5%
- Optional 5lb Weight Kit Available
- Carrying Case

Wrist Strap Tester

WST200

Quickly and easily measures the resistance of a wrist band and coil cord when worn by the operator.

Features:
- Battery Operated
- Simple Push Button Operation
- Small, Portable Size
- Test Modes: Wrist Strap Only
- Test Voltage: Regulated 9V DC
- Accuracy: $\pm$ 5%
- Test Parameters: Pass: 800K-10M

Static Field Meter

EFM115

A convenient static field meter used to locate and measure static charges and test the balance of air ionizers. Its compact design and four button operation makes it easy to operate.

Features:
- Digital Display with Numerical Readout and Graphs
- Measurement Range:
  Static Voltage ± 0 ~ ± 1.49 kV (Low)
  ± 1.0 ~ ± 20.0 kV (High)
  Ion Balance Voltage: 0 ~ ± 200 V

Charge Plate Monitors

Charge Plates Monitors Test Ionizers on Page 12.

288B

The 288B with data storage capabilities measures and stores positive and negative decay as well as ion balance and stamps temperature. Fully programmable test functions, with ability to run a series of automated tests with the push of a button. Comes with bundled software for easy management of your equipment.

Features:
- Stores 1500 Tests, 500 Locations & 4 Protocols
- Manual and Automated Testing
- Fully Configurable Testing
- Software Included

300

The model 300 uses large, high-contrast, alpha/numeric LED displays for easy reading at any viewing angle. Single-button operation of decay tests and balance ensures simple, easy operation. An automated set of tests can be initiated with a single button depress.

Features:
- Measures, Displays and Stores Test Data
- Separate Time and Voltage Displays
- High Contrast, Alpha/numeric LED displays

287A

The model 287A is a low-cost and highly portable alternative to a charged-plate monitor for periodic verification of ionizer performance. It permits ionizer testing at the work location without the need to remove the ionizer from service for testing.

Features:
- Test Balance and Decay
- Low Cost / Performance Ratio
- Hand-held, Battery Operated
- Optional 6"x 6" Plate Attachment

282

The 282 is a portable field meter used for detecting and measuring static potentials. With the optional charger and plate, the 282 can be used to measure ionizer performance.

Features:
- Locates and Measures Static Fields
- Measures Ionizer Performance
- Easy-to-Read Digital Display
- Performs both Positive and Negative Decay Tests

Verification Tools

CAL1000

Designed to verify Wrist Strap and Footwear Testers calibrated to ANSI/ESD S1.1-1998 and ANSI/ESD STM9.1-2001.

PDT78PV

The PDT78PV is designed to verify the PDT series testers on page 22.

CM420PV

The CM420PV is designed to verify the CM400, CM410 and CM420 on page 7.

ESD Office Supplies

ESD Waste Baskets

Features:
- Carbon Loaded
- 28 Quarts Capacity
- ESD Symbol

Part Numbers	
WBAS28	ESD Waste Basket
WBASLP	Dissipative Trash Liner
WBASLB	Conductive Trash Liner

Cleanroom Waste Basket

Features:
- Cleanroom Waste Basket
- Stainless Steel
- 28 Quarts Capacity

Part Numbers	
WBAS28MET	Cleanroom Waste Basket

ESD Workstation Cover

Features:
- Blue Dissipative Fabric
- 4mm Ground Snap
- ESD Symbol

Part Numbers	
WC2436	Size: 2' x 3'
WB4836	Size: 3' x 4'
WB7236	Size: 3' x 6'

ESD Pens

Features:
- Fine Point
- Back or Red Ink
- ESD Symbol

Part Numbers	
DC2000	ESD Pen, Black, Fine Point
DC2000R	ESD Pen, Red, Fine Point

ESD Sheet Protectors

Features:
- Dissipative
- Letter Size: 8.5" x 11"
- 2 mm Thickness
- Printed ESD Symbol

Part Numbers	
DC1185	Sheet Protectors
DC1185IDP	Perm. Dissipative

Tool Carriers

Features:
- Conductive Polypropylene
- Comfort Grip Handle
- Four (4) Optional Insert Trays

Part Numbers	
TC0839	Tool Carrier, Conductive
TC0843	Inserts, Conductive

SMD Boxes

Features:
- Black or Transparent Lids
- Spring Loaded Lid
- Interlocking Tongue & Groove Connection
- 6 Drawer Compartment Box

Part Numbers		
Static Safe SMD Boxes		
Black Lid	Transparent	Size
SM0873	SM0880	16 x 12 x 15 mm
SM0874	SM0881	37 x 12 x 15 mm
SM0875	SM0882	40 x 37 x 15 mm
SM0876	SM0883	68 x 57 x 15 mm
SM0810	Compartmented Box 6 drawers	

Static Safe Wiper

Features:
- No Abrasion
- Low Tribogeneration
- Size: 9" x 9"

Part Numbers	
WP6200	Pink Wiper, 9" x 9"

ESD Labels

LB9010   5/8" x 2"

LB9020   3/8" x 1-1/4"

LB9030   5/8" x 2"

LB9040   5/8" x 2"

LB9050   5/8" x 2"

LB9060   1" x 2-1/2"

LB9201   3" x 5"
LB9191   1-1/2" x 3"

LB9070   1-3/4" x 3"

MIL STD 129N/Symbol
LB9083   4" x 4"
LB9082   2" x 2"
   Removable Labels
   Available

LB9100   4" x 4"
LB9090   2" x 2"

LB9081   4" x 4"
LB9080   2" x 2"
   Removable Labels
   Available

LB9160   3-1/2" x 3"

LB9180   1-3/4" x 2-1/2"

LB9120   1-3/4" x 2-1/2"
LB9110   1" x 1-1/2"

ESD Tapes

Aisle Marking Tape

Part Numbers	
AM2401	Aisle Marking, 2" x 36 yd
AM3602	Aisle Marking, 3" x 36 yd

Anti Static Cellulose Tape

Part Numbers	
CL1200	Cellulose: 1/2" x 72 yd
CL1801	Cellulose: 3/4" x 72 yd
CL2402	Cellulose: 1" x 72 yd
CL4803	Cellulose: 2" x 72 yd

Conductive Grid Tape

Part Numbers	
CT1204	Grid Tape, 1/2" x 36 meters
CT1805	Grid Tape, 3/4" x 36 meters
CT2406	Grid Tape, 1" x 36 meters
CT4807	Grid Tape, 2" x 36 meters

Anti Static Cellulose Tape, ESD Symbol

Part Numbers	
CL1200-P	Cellulose, Print: 1/2" x 72 yd
CL1801-P	Cellulose, Print: 3/4" x 72 yd
CL2402-P	Cellulose, Print: 1" x 72 yd
CL4803-P	Cellulose, Print: 2" x 72 yd

Transforming Technologies
3719 King Road
Toledo Ohio 43617

Phone: 419-841-9552
Fax: 419-841-3241

Email: info@transforming-technologies.com
www.transforming-technologies.com