

since  
1983  
depuis

# bystat



A dynamic way to solve Static Problems

[www.bystat.com](http://www.bystat.com)

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### BYSTAT - THE ALTERNATIVE

#### **Bystat's only business is developing, manufacturing and marketing Static Control Products**

Founded in 1983, with a mission to manufacture affordable, dependable, high-quality products, designed to help protect components from static electricity, before, during and after assembly. Today, we offer an extensive range of products which form your front line defense in the war against ESD.

### BYSTAT - THE PRODUCTS

#### **We target our product lines to meet your needs**

This catalogue displays your areas for concern: Workbench, Ionization, Personal Protection, Workstation Products, Chemicals, Office Products, Meters and Packaging. We manufacture and assemble all our own products. Our versatility is exemplified by the many kit variations offered in the Workstation Products category, see page eleven. This capability allows us to meet your most discriminating demands.

### BYSTAT - THE PERFORMER

#### **Performance where it counts**

Our quality is measurable. While appearance does not determine functionality, our products are designed to look good and perform well. We don't guess, we set standards for our own production which serve as goals for the competition.

Our Quality Control and Engineering Departments, work hand in hand to warrantee all our products free of defects in materials and workmanship, and to continually seek out, and test new materials to improve our current product line.

### BYSTAT - THE SERVICE

#### **Careful distributor selection & training guarantee superior service**

Our products are marketed throughout America, Europe and Asia, by an involved, experienced, and well trained distributor network.

TOGETHER we offer: seminars, plant surveys, employee training and technical assistance. To minimize inventories, overhead costs, product costs and warehouse space, we offer custom designed 'Just-in-Time' programs. Ask your local representative for details.

### BYSTAT - JUST A PHONE CALL AWAY—

#### **1-800-361-6777**

#### **You have an ESD related problem**

Please call Bystat, we love hearing from you. We like to help in any way we can, to solve any and all static control problems.

To avoid unnecessary problems consider the following:

#### **BYSTAT's FIVE ESD RULES**

1. Most electronic solid state components are sensitive to ESD damage.
2. Handle all static-sensitive components & assemblies at a static safe area.
3. Transport all static sensitive products in shielding bags and containers.  
Use only static free packaging in the work area.
4. Demand that your suppliers follow rules 2 & 3.
5. Minimize your costs with products from Bystat!

### BYSTAT INTERNATIONAL INC.

#### **Canadian Office**

2630 Sabourin, St-Laurent,  
Quebec, Canada H4S 1M2

#### **U.S. Office**

1971 Western Avenue, Box 1115,  
Albany, NY, U.S.A. 12203

**Telephone: 800-361-6777, 514-333-8880, Fax : 514-333-8885**



## PERSONAL PROTECTION

Service coat is a new style & length, it is a comfortable and affordable lab coat made from the fabric of your choice.

Other Personal protection products include:

Wrist straps & Heel grounders

NEW PRODUCTS

### T-STAT

96% Polyester, 4% Carbon  
Weight: 3.2oz  
BLC-4XXX

Teal  
BLC-40XX

White  
BLC-48XX

Blue  
BLC-47XX

Nasa Blue  
BLC-21XX

White  
BLC-28XX

Royal Blue  
BLC-27XX

Grey  
BLC-24XX

Navy  
BLC-26XX

### CHECKSTAT

65% Polyester, 34% Cotton  
1% Carbon, Weight: 5oz  
BLC-2XXX



### P-STAT

99% Polyester  
1% Carbon  
Weight: 3oz  
BLC-5XXX



White  
BLC-58XX



Royal Blue  
BLC-37XX

### K-STAT

90% Polyester  
10% Carbon  
Weight: 2.5oz  
BLC-8XXX



Nasa Blue  
BLC-41XX

### N-STAT

94% Polyester  
6% Carbon,  
Weight: 4.1oz  
BLC-3XXX



Royal Blue  
BLC-37XX

### E-STAT

97% Polyester,  
3% Carbon  
Weight: 3oz,  
BLC-7XXX



Nasa Blue  
BLC-71XX



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NEW PRODUCTS

## PODISTAT

An economical and high visibility heel grounder with orange fluorescent stretch velcro.

**BFG-3102**



## CONDUCTIVE INSOLE

Bystat's insole will improve the conductivity of your ESD shoe and will add comfort

**BFI-1400** Insole sizes: 4 to 14

## HI-LITE™ ADJUSTABLE ELASTIC BAND ASSEMBLY

Our new lightweight **Mist Blue** HI-LITE wrist straps

**BWS-4020** wrist strap with 6' coiled cord 1/4" snap

**BWS-4220** wrist strap with 12' coiled cord 1/4" snap

**BWS-4620** wrist strap with 6' coiled cord 1/8" snap

**BWS-4820** wrist strap with 12' coiled cord 1/8" snap



## GROUNDING ACCESSORIES



This device grounds everything together, Mat and wriststrap

**BGS-7060** Common point ground  
Cord 1/4" (F) with fasteners (**BGS-5541**)

**BGS-7070** Common point ground  
Cord 3/8" (M) with fasteners (**BGS-5542**)



This device includes two terminals adjusting itself to your installations.

**BGS-7110** Floor to ground cord 15' with  
1/4" (F) with fasteners (**BGS-5541**)

**BGS-7130** Floor mat ground cord 15' with  
3/8" (M) with fasteners (**BGS-5542**)



## ESD WORKSTATIONS

Bystat joins forces with GBP to provide ESD Ergonomic Workstations and trolleys. Our modular system is designed to improve productivity. To meet the latest ESD specifications, the steel frames and accessories are specially treated with a dissipative powder coating. Bystat antistatic accessories complement this ESD safe area.

- Modular system allows interchangeable accessories on all frames and trolleys.
- All models are height adjustable
- Superior Warranty
- Ergonomic design maximizes productivity while minimizing repetitive strain injuries

### FLEXIBLE ARM

The arm has three links and extends to 22.5"

- 36 323 8601** with shelf for 8 plastic bins 17.75" x 2" x 5"
- 35 875 8601** with shelf for Faracage® 21.5" x 6.75" x 4.75"
- 36 315 8601** with tiltable & turnable shelf 17.75" x 17.75"
- 36 324 8601** with Keyboard holder 16" x 12"
- 35 880 8601** Box cassette only 21.75" x 6.5" x 14"

### SHELVES

Tiltable shelf with a load capacity EDL 110lbs

- 35 862 8601** with edging 34.5" x 11.75"
- 35 907 8601** with edging 25.5" x 11.75"
- 36 907 8601** with side lip 34.5" x 17.75"

### SUSPENSION BEAM

Supports parts bins.

- 35 870 8601** 35.5" x 3"
- 35 911 8601** 26.25" x 3"
- 36 873 8601** Curved 34.75"

### ESD WORK SURFACE

Durable DK-Stat™ laminate. Self-edged on three sides with 180° post formed front. Color beige.

- 40 003 8077** 32" x 48"
- 40 004 8077** 32" x 60"
- 40 007 8077** 36" x 60"

### FOOTREST

Height and angle adjustable. Comes with rubber mat.

- 36 216 8601** Free standing
- 36 309 8601** Fixed

### WORKSTATION FRAMES

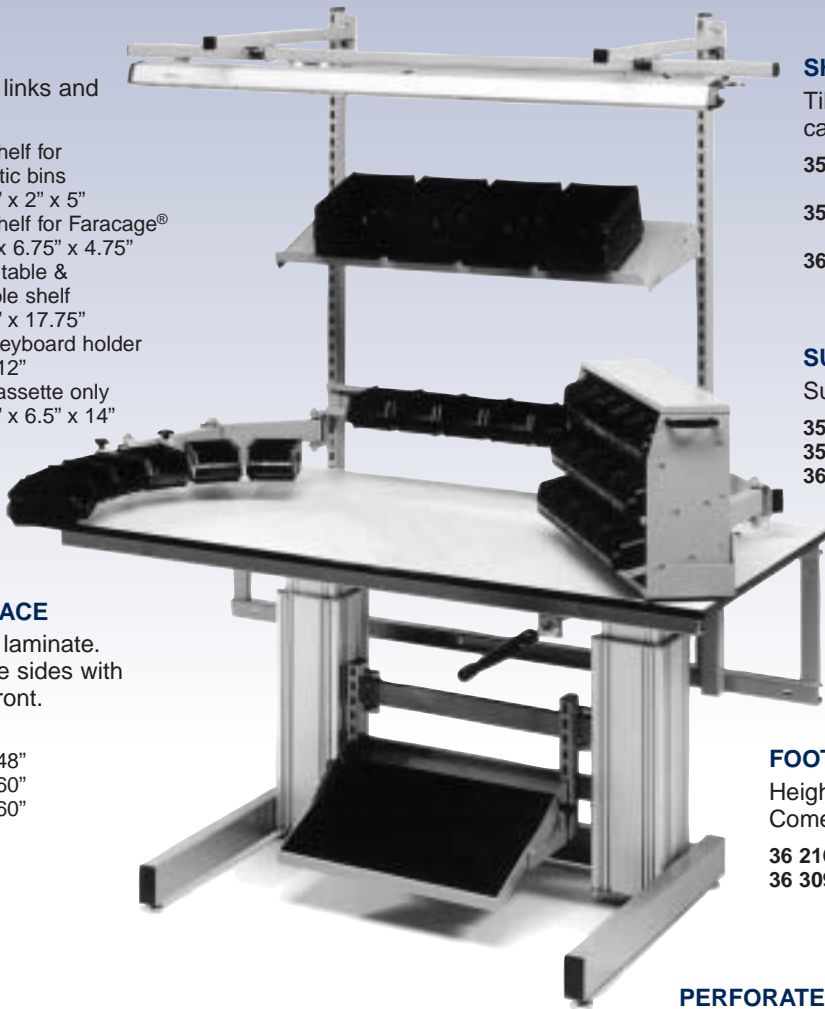
Engineered from strong, rigid steel. Includes a rear frame to support perforated uprights and accessories.

- 36 610 8677** Dual column / motor 59" x 30.75"
- 36 670 8630** Dual column / crank 59" x 30.75" (photo)
- 36 649 8677** Single column / motor 43.25" x 31.5"
- 34 106 8630** H-Frame / manual 59" x 30"

### PERFORATED UPRIGHTS

Attached to rear frame for mounting all modular accessories

- 35 841 8630** Double uprights 75.75" with crossbar 34.5" and 'C' rail
- 35 838 8630** Triple uprights 75.75" with crossbar 25.5" and 'C' rail

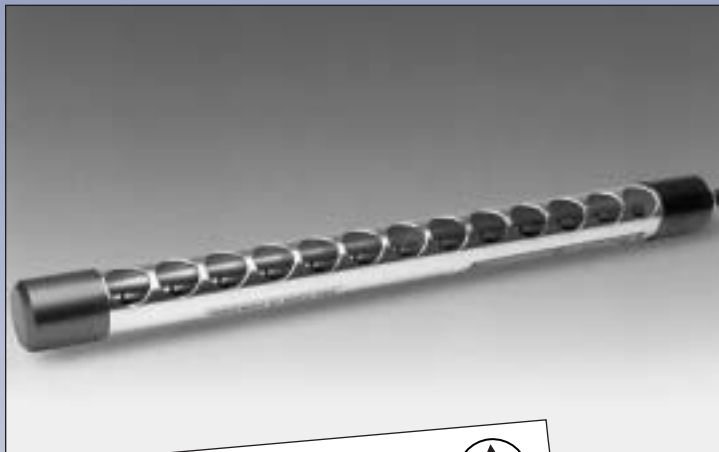


Other models, sizes, products and accessories available. Call your Bystat representative.



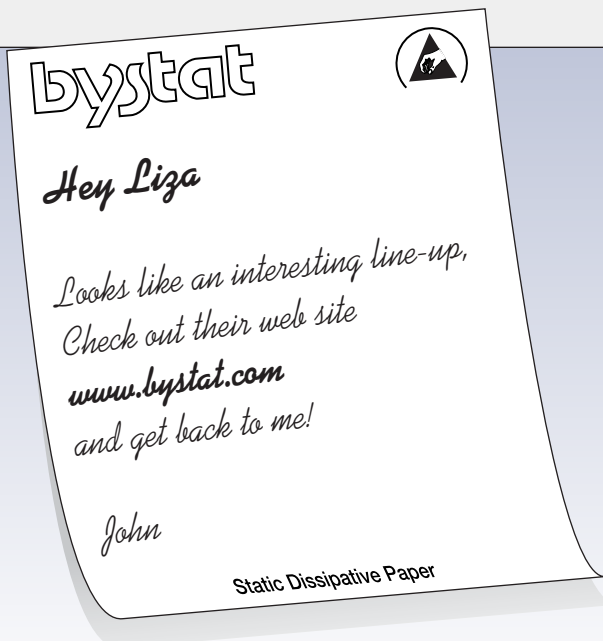
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IONIZATION



## IONISTAT™ LINE STATIC BAR

The ionization of air is one of the most effective means of eliminating static. Ionistat™ bars are available in a wide variety of styles, sizes and shapes to meet your requirements. We have a mix of 'cold' or shockless bars, high efficiency "hot" or non-shockless bars and airboost bars.



## STATIC ELIMINATING BRUSH & TINSEL

Passive static eliminators are an inexpensive and effective solution for many ESD problems.

- FHB-2099** Heavy duty H frame with carbon fiber
- FTN-2699** Tinsel wire in conductive copper strands

## POWER SUPPLIES

The Bystat Power Supply converts standard line voltage to a regularized output of 4000, 5000 and 7500 Volts AC. Two bayonet-connector type terminals per power supply.

- FPS-1204R** Input 115Volts, Output 4000 Volts
- FPS-1205R** Input 115Volts, Output 5000 Volts
- FPS-1208R** Input 115Volts, Output 7500 Volts

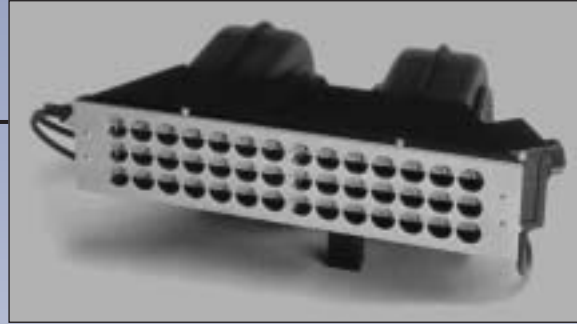




## IONISTAT™ LINE INDUSTRIAL IONIZER

The Ionistat™ industrial blowers are designed for heavy usage applications, permanent mounting and high-efficiency. Internal power supply, bracket and variable speed complete the unit.

**FBI-8000** Industrial Ionizer



## HEAVY DUTY SHOCKLESS GUN

A durable, heavy duty designed compressed air gun with built-in shockless static neutralizers.

**FGN-9130** Heavy Duty air gun



## AIR GUN SELF-BALANCING

## INLINE IONIZERS

Ionistat™ inline ionizer installs within the compressed air line. "Shockless" emitter pin located inside the ionizer body.

**FGN-6075** Shockless inline ionizer



## INDUSTRIAL HOT GUN

Lightweight and compact. The emitter pin is located inside the nozzle tip. Multi-purpose application.

**FGN-9140** Industrial air gun

## IONIZING AIR NOZZLES

Bystat air nozzles can be used individually for "spot cleaning" or in groups to cover multiple areas in limited spaces.

**FGN-6150** Nozzle through style

**FGN-6155** Nozzle end style

Cable kits sold separately





## WRIST STRAPS

The first line of defense against ESD events is to drain all static charges from the human body before they can damage sensitive devices.

Wrist straps are the most effective means to discharge static electricity.

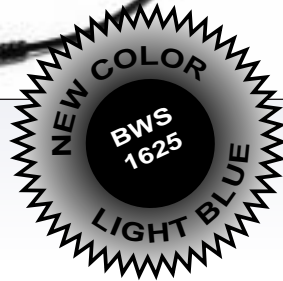
Bystat offers a variety of wrist straps.

- Adjustable fabric band, one size fits all
- Adjustable flexible metal band, one size fits all
- Adjustable hook & loop assembly
  - Permanent conductive properties
  - Brand compatibility
  - Light weight and washable
  - Superior comfort
  - Meets EOS/ESD S1



## HI-COMFORT™ ADJUSTABLE ELASTIC BAND ASSEMBLY

- No metal contact with skin to cause allergic reaction
- One size fits all
- Continuous conductive fiber
- Washable
- Meets EOS/ESD S1
- Anti-static buckle



- |                 |                                  |
|-----------------|----------------------------------|
| <b>BWS-1005</b> | 6' coiled cord with .250" snap   |
| <b>BWS-1205</b> | 12' coiled cord with .250" snap  |
| <b>BWS-1405</b> | 8' straight cord with .250" snap |
| <b>BWS-1605</b> | 6' coiled cord with .125" snap   |
| <b>BWS-1805</b> | 12' coiled cord with .125" snap  |

## TITE-FIT™ ADJUSTABLE HOOK & LOOP BAND ASSEMBLY

- Ideal for distribution with your final product, to allow static safe field service
- Inside conductor
- 'D' ring closure
- Adjustable
- Meets EOS/ESD S1



- |                 |                                  |
|-----------------|----------------------------------|
| <b>BWS-2010</b> | 6' coiled cord with .250" snap   |
| <b>BWS-2210</b> | 12' coiled cord with .250" snap  |
| <b>BWS-2410</b> | 8' straight cord with .250" snap |
| <b>BWS-2610</b> | 6' coiled cord with .125" snap   |
| <b>BWS-2810</b> | 12' coiled cord with .125" snap  |





## DK SPEIDEL® ADJUSTABLE METAL BAND ASSEMBLY

- Adjustable
- Speidel® quality metal band
- Stainless steel links
- Durable
- Comfortable
- Non allergenic
- Meets EOS/ESD-S1
- One size fits all

**BWS-3000** 6' coiled cord with .250" snap  
**BWS-3200** 12' coiled cord with .250" snap  
**BWS-3400** 8' straight cord with .250" snap  
**BWS-3600** 6' coiled cord with .125" snap  
**BWS-3800** 12' coiled cord with .125" snap  
**Speidel® Registered Trade Mark of Speidel® Division of Textron Inc.**



## DISPOSABLE WRIST STRAP

Ideal for shipment with circuit boards.  
 A lightweight, disposable, cost-effective temporary static protection solution.

**BWS-9915** 50" Band Individually packed



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CHECK OUT THESE NEW  
 STATIC SAFE PRODUCTS AT  
[www.bystat.com](http://www.bystat.com)

### HI-COMFORT

- ✓ Improved conductivity
- ✓ Light weight cord available
- ✓ Improved weave

### HI-LITE

- ✓ New lightweight strap
- ✓ Teal or Mist Blue
- ✓ Optional metal plate

Static Dissipative Paper

## BYSTAT REPLACEMENT BANDS

**BWB-1015** Hi-Comfort™ with .250" snap light blue  
**BWB-1075** Hi-Comfort™ with .250" snap dark blue  
**BWB-1615** Hi-Comfort™ with .125" snap light blue  
**BWB-1675** Hi-Comfort™ with .125" snap dark blue  
**BWB-2071** Tite-Fit™ with .250" snap  
**BWB-2671** Tite-Fit™ with .125" snap  
**BWB-3050** DK Speidel® with .250" snap  
**BWB-3650** DK Speidel® with .125" snap

**BGC-0050** Black 6' coiled cord .250" snap  
**BGC-0250** Black 12' coiled cord .250" snap  
**BGC-0450** Black 8' straight cord .250" snap  
**BGC-6010** Light blue 6' coiled cord .125" snap  
**BGC-6050** Black 6' coiled cord .125" snap  
**BGC-6250** Black 12' coiled cord .125" snap



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## CHECKSTAT™ STATIC PROTECTIVE LAB COAT



Designed to provide an effective screen against a static field.

- 65% Polyester, 34% Cotton 1% Carbon Suffused Nylon
- Lightweight
- Washable without losing conductive properties
- Colors Blue, Nasa Blue, White and Grey

"V" Neck Nasa Blue	Standard Blue	Counter Coat White	Sizes	
BLC-2122	BLC-2720	BLC-2821	XS	30-32
BLC-2132	BLC-2730	BLC-2831	S	34-36
BLC-2142	BLC-2740	BLC-2841	M	38-40
BLC-2152	BLC-2750	BLC-2851	L	42-44
BLC-2162	BLC-2760	BLC-2861	XL	46-48
BLC-2172	BLC-2770	BLC-2871	XXL	50-52

Custom models, aprons and covers available.

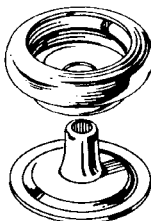
## GROUNDING ACCESSORIES

- Complete grounding kit designed for easy field installation
- Flexibility for use on both sides of mat
- Different attachments available

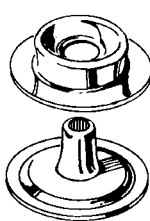
- BGS-7000** Grounding kit 8' straight cord 1/4" snap with fasteners (BGS-5541)
- BGS-7030** Grounding kit 8' straight cord 3/8" snap with fasteners (BGS-5543)
- BGS-7060** Common point ground cord 1/4" (F) with fasteners (BGS-5541)
- BGS-7070** Common point ground cord 3/8" (M) with fasteners (BGS-5542)
- BGS-8100** Grounding block for work benches
- BGS-8105** Wrist strap grounding blocks



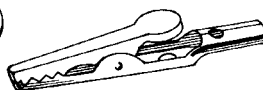
**BGS-5042**  
Female snap  
3/8" (10mm)



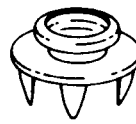
**BGS-5041**  
Male snap  
1/4" (7mm)



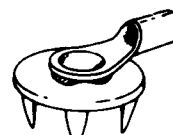
**BGS-4010**  
Alligator clip



**BGS-5542**  
Push&Clinch  
Female snap  
3/8" (10mm)



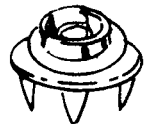
**BGS-5644**  
Push&Clinch  
Terminal



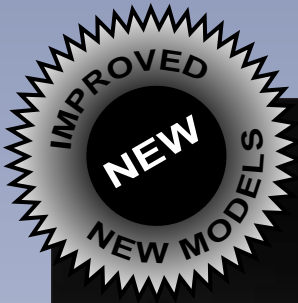
**BGS-4030**  
Terminal



**BGS-5541**  
Push&Clinch  
Male snap  
1/4" (7mm)



Many other accessories are available. Ask your local representative.



## PODISTAT™ FOOT GROUNDERS

A continuous path to ground for mobile personnel.

- For use on conductive/dissipative floors or mats
- Fits most shoe sizes
- Interchangeable grounding mechanism
- Maximum floor contact
- Rubber will not mark shoes
- Reusable
- Optional built-in one megohm resistor
- Comfortable and stable
- Non-slip pad on back strap

<b>BFG-6000</b>	Interchangeable tab
<b>BFG-6002</b>	Sewn tab
<b>BFG-6050</b>	Interchangeable tab & resistor
<b>BFG-6052</b>	Fixed tab & resistor



## PODISTAT™ HEEL GROUNDERS

Conductive rubber heel cup with hook and loop closure systems. Available with an interchangeable or sewn conductive tab and optional built-in one megohm resistor.

<b>BFG-2000</b>	Economical heel grounder.
<b>BFG-2500</b>	Heel grounder with non-marking inner layer.
<b>BFG-3000</b>	Heel grounder "Big Foot" with non-marking inner layer.
<b>BFG-4000</b>	Heel grounder standard with stretch strap.
<b>BFG-5000</b>	Super comfortable

## PODISTAT™ TOE GROUNDERS

Conductive rubber strip with hook and loop straps and an interchangeable conductive tab for permanent grounding.

<b>BFG-2400</b>	Economical toe grounder with interchangeable conductive tab.
<b>BFG-2800</b>	Non-marking toe grounder with interchangeable conductive tab.
<b>BFG-2850</b>	Non-marking toe grounder with interchangeable conductive tab and resistor.



Other configurations available on request



## FIELDSEV™ FIELD SERVICE KITS

Protects static sensitive components during maintenance and repair.

- Portable & lightweight
- Fully equipped static safe station
- Pockets to hold tools and PCBs
- Wrist strap and common point ground cord included

**BBK-4700** Three layer field service kit  
22" x 24" light blue

**BBK-4900** Dissipative field service kit  
24" x 24" dark blue



## FATIGUE FREE™ SOFT FLOOR MAT

- Permanent and homogeneous static dissipative material
- Anti-fatigue specially designed for standing personnel
- Solid skin with 3/8" cushion

Dimension	Brown	Grey
2' x 3'	<b>BMF-32704</b>	<b>BMF-34704</b>
3' x 5'	<b>BMF-32736</b>	<b>BMF-34736</b>
3' x 60'	<b>BMF-32774</b>	<b>BMF-34774</b>
4' x 60'	<b>BMF-32775</b>	<b>BMF-34775</b>

Grounding hardware is not included, see grounding accessories p.6  
Custom sizes available

## DK TILE® STATIC DISSIPATIVE VINYL FLOOR TILE

## MEGA TILE™ STATIC CONDUCTIVE VINYL FLOOR TILE

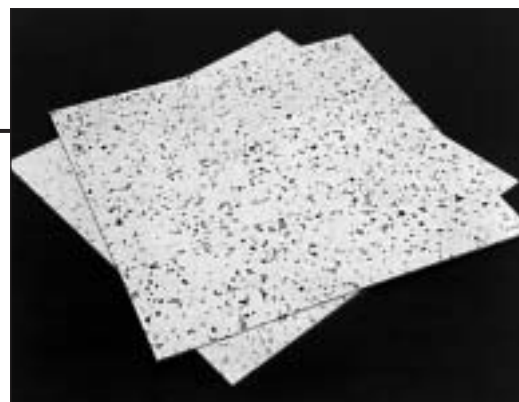
- Drains static charges
- Solid vinyl, Asbestos free
- Chemical resistant
- Easy care low maintenance

### DK TILE® MEGA TILE™

**BMG-67111** **BMG-70111** 12" x 12" x 0.125" white/blue  
**BMG-67112** **BMG-70112** 12" x 12" x 0.125" white/brown  
**BMG-67114** **BMG-70114** 12" x 12" x 0.125" white/grey  
**BMG-67120** **BMG-70120** 12" x 12" x 0.125" white/green

**BTP-10305** Copper tape 0.5"

**BCC- 8202** Conductive polyurethane adhesive (coverage 150-200 sq.ft.)



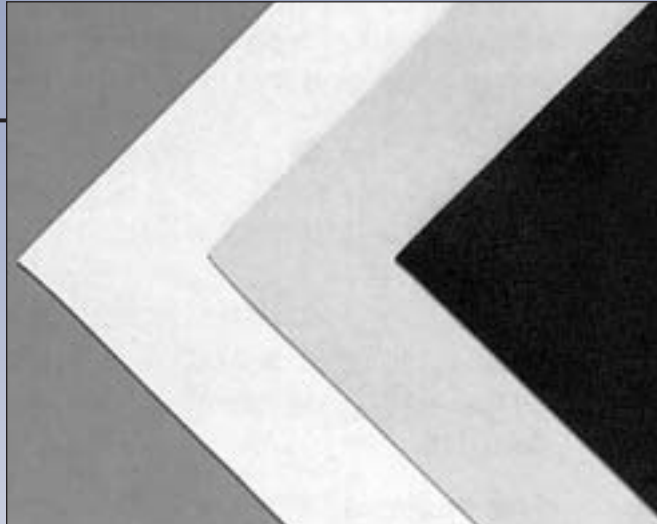




## DISSIMAT-M™ THREE LAYER VINYL MAT

The Dissimat-M™ is a solid dissipative vinyl with a buried non-carbon conductive layer and a bottom dissipative foam layer. The foam layer provides a durable non-slip cushion.

- Superior physical properties
- Consistent electrical qualities 10<sup>8</sup>Ω



Dimension	Blue 0.125"	Grey 0.125"
2' x 4'	<b>BMT-51500</b>	<b>BMT-54500</b>
4' x 6'	<b>BMT-51548</b>	<b>BMT-54548</b>
2' x 50'	<b>BMT-51560</b>	<b>BMT-54560</b>
3' x 50'	<b>BMT-51564</b>	<b>BMT-54564</b>
4' x 50'	<b>BMT-51565</b>	<b>BMT-54565</b>
2' x 100'	<b>BMT-51580</b>	<b>BMT-54580</b>
3' x 100'	<b>BMT-51584</b>	<b>BMT-54584</b>
4' x 100'	<b>BMT-51585</b>	<b>BMT-54585</b>

Grounding hardware is not included, see grounding accessories p.6 Custom sizes available



## Q-STAT™ CONDUCTIVE POLYETHYLENE SHEETING

Q-Stat™ is a thermoformable sheeting material used for containers, dividers, floor matting and other applications.

<b>BMS-55034</b>	Black semi-rigid	4' x 8' x 0.060"
<b>BMS-55534</b>	Black semi-rigid	4' x 8' x 0.125"
<b>BMS-65034</b>	Black semi-flexible	4' x 8' x 0.060"

Other sizes and thicknesses available

## DK™ STAT HARD LAMINATE MAT

- Volume conductive
- Formable
- Contains no carbon
- High pressure static dissipative laminate
- Heat and chemical resistant

<b>BML-80134</b>	48" x 96"	Nasa Blue
<b>BML-80334</b>	48" x 96"	Beige (Almond)
<b>BML-80434</b>	48" x 96"	Light Grey

Other sizes and colors available on request.





## DK MAT™ MULTI-LAYER RUBBER MAT

DK Mat™ is a static dissipative work surface and floor mat designed to provide permanent protection for ESD sensitive devices at the workstation. The rubber multilayer construction meets specifications and standards from EOS/ESD, EIA and MIL. The proprietary rubber formulation will allow the DK Mat™ to resist hot solder and most chemicals found in today's electronic environment

- Static dissipative/conductive
- Two layers
- Heat solder and chemical resistant
- Longer life expectancy
- Lay flat, will not curl

Dimension	Blue 0.060"	Grey 0.060"
2' x 4'	<b>BMT-71000</b>	<b>BMT-74000</b>
4' x 6'	<b>BMT-71048</b>	<b>BMT-74048</b>
2' x 50'	<b>BMT-71060</b>	<b>BMT-74060</b>
4' x 50'	<b>BMT-71065</b>	<b>BMT-74065</b>

Grounding hardware is not included, see grounding accessories p.6.  
Custom sizes available.

## DISSIMAT™ HOMOGENEOUS PVC MAT

Eliminates static charge from personnel as well as tote boxes, bags, components and other items placed in contact with the mat.

- Easy to clean
- Permanent and homogeneous static-safe material
- Useable on both sides
- Available in kit form
- Non glare surface



Dimension	Blue 0.060"	Blue 0.093"
2' x 4'	<b>BMT-41000</b>	<b>BMT-41300</b>
4' x 6'	<b>BMT-41048</b>	<b>BMT-41348</b>
2' x 50'	<b>BMT-41060</b>	<b>BMT-41360</b>
3' x 50'	<b>BMT-41064</b>	<b>BMT-41364</b>
4' x 50'	<b>BMT-41065</b>	<b>BMT-41365</b>
2' x 100'	<b>BMT-41080</b>	<b>BMT-41380</b>
3' x 100'	<b>BMT-41084</b>	<b>BMT-41384</b>
4' x 100'	<b>BMT-41085</b>	<b>BMT-41385</b>

Grounding hardware is not included, see grounding accessories p.6. Custom sizes available.



## CUSTOM WORKSTATION KITS

Each project may require a different level of protection. The kits in the chart below are designed to meet your individual needs.

### Series 6000

- 1 Mat of your choice 2' x 3'
- 1 Grounding Kit BGS-7000

### Series 7000

- 1 Mat of your choice 2' x 3'
- 1 Common point ground BGS-7060
- 1 Hi-Comfort™ wrist strap BWS-1005

### Series 8000

- 1 Mat of your choice 2' x 3'
- 1 Common point ground BGS-7060
- 1 Hi-Comfort™ wrist strap BWS-1005
- 1 Dynastat™ floor mat 4' x 5'
- 1 Grounding Kit BGS-7000

Material	Thickness	Series-6000	Series-7000	Series-8000
Dissimat™ Blue	0.060"	<b>BSK-6401</b>	<b>BSK-7401</b>	<b>BSK-8401</b>
Dissimat™ Beige	0.060"	<b>BSK-6403</b>	<b>BSK-7403</b>	<b>BSK-8403</b>
Dissimat™ Blue	0.093"	<b>BSK-6431</b>	<b>BSK-7431</b>	<b>BSK-8431</b>
Dissimat™ Beige	0.093"	<b>BSK-6433</b>	<b>BSK-7433</b>	<b>BSK-8433</b>
Dissimat-M™ Blue	0.125"	<b>BSK-6551</b>	<b>BSK-7551</b>	<b>BSK-8551</b>
Dissimat-M™ Grey	0.125"	<b>BSK-6554</b>	<b>BSK-7554</b>	<b>BSK-8554</b>
DK Mat™ Blue	0.060"	<b>BSK-6701</b>	<b>BSK-7701</b>	<b>BSK-8701</b>
DK Mat™ Grey	0.060"	<b>BSK-6704</b>	<b>BSK-7704</b>	<b>BSK-8704</b>

## DYNASTAT™ CONDUCTIVE RUBBER MAT

Designed for heavy traffic areas such as wave soldering operations.

- Solder and chemical resistant
- Anti-slip and non-curling mat
- Low cost and tear resistant

Dimension	Black 0.060"
2' x 4'	<b>BMT-35000</b>
4' x 6'	<b>BMT-35048</b>
2' x 50'	<b>BMT-35060</b>
4' x 50'	<b>BMT-35065</b>
2' x 100'	<b>BMT-35080</b>
4' x 100'	<b>BMT-35085</b>



Grounding hardware is not included, see grounding accessories p.6.

Custom sizes available.



## DISSICOAT™II DISSIPATIVE FLOOR FINISH

Dissicoat™ II static dissipative Polymer in an Acrylic Matrix especially formulated as a floor finish for electronic production lines, computer rooms, and designated static prone areas. The new formula is reinforced with urethane for longer life.

- High-Gloss finish
- Anti-slip, durable and resistant coating
- Exceptional ESD properties  $10^7$  to  $10^{10}$   $\Omega$ /sq

**BCH-0220** Dissipative floor finish (gallon)  
**BCH-0250** Dissipative floor finish (5 gallon)

## STRIPPER™ FLOOR STRIPPER CLEANER

Specially formulated floor stripper removes accumulated coating of Dissicoat™II floor finish.

- Non ammoniated
  - Removes grease, oil, rubber heel marks
  - Easy to use
- BCH-0120** Neutral detergent (gallon)  
**BCH-0150** Neutral detergent (5 gallon)  
**BCH-0420** Floor stripper (gallon)  
**BCH-0450** Floor stripper (5 gallon)



## DK™ PAINT

- Water base conductive and dissipative coating
- Cost effective
- Easy to apply, maintain & retouch
- Resistant to detergents
- Can be applied to: concrete, tile & terrazzo floor
- Custom colors available



- BCP-0206** Conductive Acrylic Charcoal grey (gallon)  
**BCP-0506** Conductive Acrylic Charcoal grey (5 gallon)  
**BCP-1204** Dissipative Acrylic Light grey (gallon)  
**BCP-1504** Dissipative Acrylic Light grey (5 gallon)  
**BCP-2206** Conductive Acrylic-Urethane Charcoal grey (gallon)  
**BCP-2506** Conductive Acrylic-Urethane Charcoal grey (5 gallon)  
**BCP-3204** Dissipative Acrylic-Urethane Light grey (gallon)  
**BCP-3504** Dissipative Acrylic-Urethane Light grey (5 gallon)  
**BCP-4205** Conductive Urethane Black (gallon)  
**BCP-4505** Conductive Urethane Black (5 gallon)  
**BCP-5204** Dissipative Urethane Light grey (gallon)  
**BCP-5504** Dissipative Urethane Light grey (5 gallon)



## EPOXY POWDER PAINT

Electrostatic paint for cabinets, workbenches, trolleys and shelves.

**BCE-7206** Dissipative Charcoal grey (25kg)





## PLEXIA™ ANTI-STATIC TOPICAL AGENT

Plexia™ is an inert anti-static topical solution that will prevent static build-up and harmful discharge on screens, workbenches, carpets and desks. It can also be used on printers, paper feeders and related equipment.

- Neutralizes static discharges
- Effective on most surfaces

**BCH-0600** Non Aerosol trigger spray 650ml (0.17 gallon)  
**BCH-0620** Refill 3.78L (gallon)

## STATIC AWARENESS MEDIA

Accessories to promote static electricity awareness

- Bilingual posters 24" x 16"
- Labels per MIL STD 129H

**BAP-1101** Poster "No static at all"  
**BAP-1102** Poster " Don't give me any static"  
**BAL-2201** Orange Label 2" x 2" permanent adhesive  
 "Attention Electrostatic sensitive devices handle . ."  
**BAL-2202** Yellow Label 2" x 2" removable adhesive.  
 "Attention contents sensitive . ."



## BIOSTAT™ BIODEGRADABLE CLEANER

Biostat™ is formulated to use on all ESD work surfaces and is capable of enhancing resistance readings. Excellent cleaning ability.

**BCN-4000** Mat cleaner non aerosol trigger spray 650ml (0.17 gallon)  
**BCN-4200** Mat cleaner refill 3.78L (gallon)






**CHECK OUT THESE NEW  
STATIC SAFE PRODUCTS AT  
[www.bystat.com](http://www.bystat.com)**

- ✓ Binders
- ✓ Floor marking tape
- ✓ ESD paper
- ✓ Repair tag
- ✓ Stikastat . . .  
ESD post notes

Static Dissipative Paper

## ANTI-STATIC PAGE PROTECTORS

- Ammine free
- Clean
- Abrasion resistant
- Punched 3 holes, reinforced for standard binders

**BPP-0811** Static dissipative polyester page protectors 8 1/2" x 11"

Also available in polyethylene film: shop travellers, drawing protectors and document holders.



# bystat

## **STRAP GUARD™ WRIST STRAP MONITOR**

Designed to verify the effectiveness of wrist strap as well as the contact with the ground.

The BSL-9020 has a built-in fail-proof system to prevent wrongful utilization.

- Constant monitoring system
- Special casing for installation beneath the table
- Auxiliary grounding for a mat and secondary wrist strap

**BSL-9020** Wrist strap monitor

**Weight:** monitor - 4 oz. (115gr.)  
power supply - 9 oz. (255 gr.)

**Size:** 2.5 x 4.25 x 1.25 in.  
(6.5 x 11 x 3.3 cm)

**Power:** 6 volt power pack included



## **STRAPCHECK™ WRIST STRAP TESTER**

The new models of wrist and foot strap testers indicate if resistance is within acceptable range.

- Requires no calibration
- Accuracy  $\pm$  5%
- Tests between 12 and 19 volts

**BVP-1410** Wrist strap tester 750K $\Omega$  to 10M $\Omega$   
**BVP-1420** Wrist strap tester 750K $\Omega$  to 35M $\Omega$   
**BVP-1430** Wrist strap tester 750K $\Omega$  to 100M $\Omega$   
**BVP-5411** Wrist: 750K $\Omega$  to 10M $\Omega$ . Heel: 750K $\Omega$  to 10M $\Omega$   
**BVP-5423** Wrist: 750K $\Omega$  to 35M $\Omega$ . Heel: 750K $\Omega$  to 100M $\Omega$   
**BVA-5510** Metal plate 8" x 16"  
**BVA-5520** Metal plate 8" x 16" with dissipative bottom

Custom tester ranges available on request



## DK SRM™ SURFACE RESISTIVITY METER

The Bystat surface resistivity meter is a self-contained probe made of two concentric rings separated by a teflon dielectric. It is programmed to perform surface resistivity measurements. A self-paced program display guides the user through the operation.

### BSL-9750

Surface resistivity meter

- Fully portable
- Auto calibration
- Self diagnostic
- Battery operated
- Low power consumption
- Self paced program
- Highly accurate
- LCD display
- Hi-low measurements
- Shielded
- Auto-off
- In accordance with mil spec DOD-HDBK-263
- Accuracy  $\pm 5\%$
- Range:  $10^4$  to  $5 \times 10^{12} \Omega/\text{sq}$



## CHARGEFIND™ STATIC LOCATOR

The Bystat electrostatic locator is a hand held, lightweight meter for measuring electrostatic charges on people, objects and surfaces.

- Range : 0 to  $\pm 20\text{KV}$  at 1" from object
- Accuracy  $\pm 1\%$
- Recorder output jack

**BEM-2120** Electrostatic locator

**Weight :** 5oz. (144 gr.)

**Size :** 4.5" x 2.4" x 0.9"

**Power :** 9 volt battery operated





## STATCELL™ CONDUCTIVE FOAM

### High Density Conductive Foam (HD)

Ensures all leads are at the same potential by a direct insertion

- Non-corrosive
- Efficient insertion
- Not affected by humidity

### Low Density Conductive Foam (LD)

A cushioning foam designed to offer maximum physical and ESD protection when storing or packaging static sensitive devices.

Part No.	Thickness	Part No.	Thickness
BCF-7100	1/4" LD	BCF 7600	1/4" HD
BCF-7200	3/8" LD	BCF 7700	3/8" HD
BCF-7300	1/2" LD	BCF 7800	1/2" HD

Custom sizes available

## POLYETHYLENE FOAM

Bystat pink dissipative polyethylene foam is formulated to offer ESD protection and cushioning for static sensitive and fragile parts.

BCF-4560	Pink foam	60" x 550' x 0.125"
BCF-4660	Pink foam	60" x 250' x 0.250"
BCF-4848	Pink foam	48" x 200' x 0.500"
BCF-4960	Pink foam	60" x 1250' x 0.062"

Custom sizes available

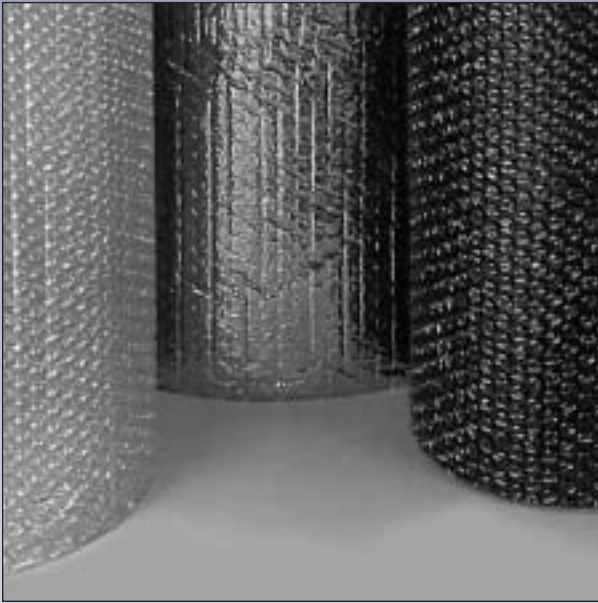


## Q-STAT™ CROSS LINKED POLYETHYLENE CONDUCTIVE FOAM

- Cross linked construction
- No particles
- For special applications

BCF-5XXX High Density Foam 1/8"- 1"





## AIRSTAT™ PINK BUBBLE FILM AND BAGS

The Airstat™ bubble film and bags absorb shocks and dampen vibrations to protect ESD sensitive devices from both damage and tribocharging.

<b>BPC-10012S</b>	12" x 750' Roll of film 1/4" bubble
<b>BPC-10016S</b>	16" x 750' Roll of film 1/4" bubble
<b>BPC-10024S</b>	24" x 750' Roll of film 1/4" bubble
<b>BPC-10048S</b>	48" x 750' Roll of film 1/4" bubble

1/2" bubble available.

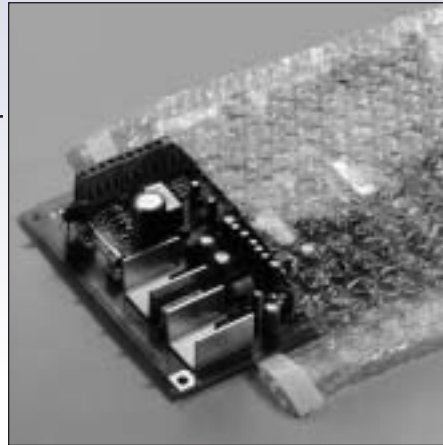
Call Bystat for the "Airstat" bag sizes.

## SHIELDER BUBBLE™ STATIC SHIELDING BUBBLE BAGS

Easy to use with lip and tape. Shielder™ bubble is a total protection against ESD and physical damage.

<b>BSC-0405P</b> 4" x 5.5"	<b>BSC-1211P</b> 12" x 11.5"
<b>BSC-0407P</b> 4" x 7.5"	<b>BSC-1223P</b> 12" x 23.5"
<b>BSC-0811P</b> 8" x 11.5"	<b>BSC-1823P</b> 18" x 23.5"

Custom sizes available




## ANTI-STATIC TAPE

- Non contaminating
- Low static generation
- Clear

### 3" CORE      DIMENSION

<b>BTP-89330</b>	1/2" x 72 yards (12mm x 66m)
<b>BTP-89530</b>	3/4" x 72 yards (18mm x 66m)
<b>BTP-89730</b>	1" x 72 yards (24mm x 66m)
<b>BTP-89830</b>	2" x 72 yards (48mm x 66m)

\* Comes with ESD logo 



## SHIELDER™ STATIC SHIELDING BAGS

Shielder™ offers total protection against direct discharge, triboelectric charging and electrostatic fields.

- Transparency permits view of contents
- Acts as a Faraday cage
- Heat sealable
- Meets MIL-B-81705C Type III Class 1

Shielders™ are available in the following sizes

<b>BSB-0305</b>	3" x 5"	<b>BSB-0812</b>	8" x 12"
<b>BSB-0406</b>	4" x 6"	<b>BSB-1012</b>	10" x 12"
<b>BSB-0426</b>	4" x 26"	<b>BSB-1014</b>	10" x 14"
<b>BSB-0508</b>	5" x 8"	<b>BSB-1115</b>	11" x 15"
<b>BSB-0610</b>	6" x 10"	<b>BSB-1216</b>	12" x 16"
<b>BSB-0616</b>	6" x 16"	<b>BSB-1518</b>	15" x 18"
<b>BSB-0810</b>	8" x 10"	<b>BSB-1818</b>	18" x 18"
		<b>BSB-1824</b>	18" x 24"

Custom sizes available on request  
from 2" x 3" to 20" x 30" wide

## SHIELDLOCK™ STATIC SHIELDING BAGS WITH RECLOSURE SYSTEM

ShieldLock™ features a triple layer construction. The conductive middle layer is sandwiched between an outer polyester film and an inner antistatic polyethylene film.

- Dependable reclosure system
- Antistatic zipper
- Easy to open & close meets MIL-B-81705C Type III Class 1

<b>BSB-0305Z</b>	3" x 5"	<b>BSB-0810Z</b>	8" x 10"
<b>BSB-0406Z</b>	4" x 6"	<b>BSB-1014Z</b>	10" x 14"
<b>BSB-0508Z</b>	5" x 8"	<b>BSB-1216Z</b>	12" x 16"
<b>BSB-0610Z</b>	6" x 10"	<b>BSB-1618Z</b>	16" x 18"

Custom sizes available on request

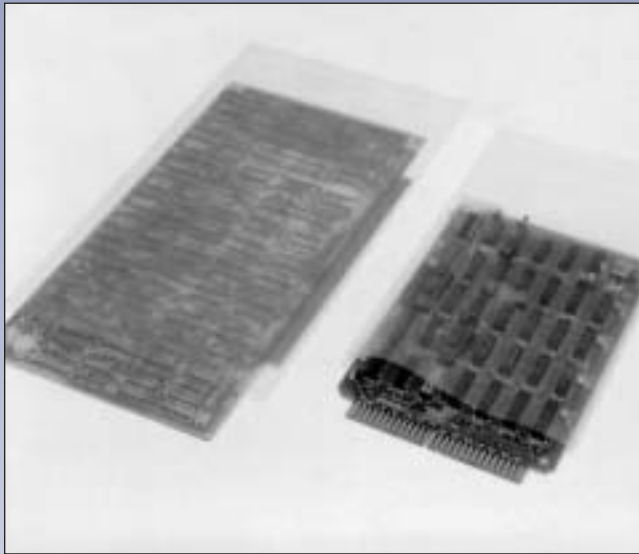


## Q-STAT™ BLACK CONDUCTIVE FILM AND BAGS

Q-Stat™ bags are volume conductive, easy to ground and the electrical properties are not affected by age and humidity.

<b>BPQ-40305</b>	3" x 5"	<b>BPQ-40810</b>	8" x 10"
<b>BPQ-40406</b>	4" x 6"	<b>BPQ-40812</b>	8" x 12"
<b>BPQ-40508</b>	5" x 8"	<b>BPQ-41014</b>	10" x 14"
<b>BPQ-40610</b>	6" x 10"	<b>BPQ-41218</b>	12" x 18"

Call Bystat for film and custom sizes



## PERMASAC™ ANTI-STATIC BAGS

A new and improved formulation for anti-static products has been developed in response to the increasing need for a dry film. The improved formulation eliminates the problems caused by migration to the surface of "Octanoic Acids".

- Humidity independent
- Non corroding
- Non contaminating
- Conforms to standards MIL SPEC 81705C Type II

**BPB-4XXXX** Permasac™ antistatic clear polyethylene (4mil) bags

Custom sizes available on request from 2.5" x 3" to 80" x 110" and thickness from 2 mil to 6 mil.

## STATSAC™ ANTI-STATIC BAGS

Statsac™ bags and lay flat tubing are made with an organic antistat homogeneously dispersed internally throughout the matrix. They are designed to prevent static generation that can cause harmful damage to static sensitive components. Use of Statsac™ is recommended when packaging for production areas.

Statsac™ antistatic pink polyethylene (4mil)

<b>BPT-40305</b>	3" x 5"	<b>BPT-40812</b>	8" x 12"
<b>BPT-40406</b>	4" x 6"	<b>BPT-41012</b>	10" x 12"
<b>BPT-40508</b>	5" x 8"	<b>BPT-41014</b>	10" x 14"
<b>BPT-40608</b>	6" x 8"	<b>BPT-41216</b>	12" x 16"
<b>BPT-40610</b>	6" x 10"	<b>BPT-41218</b>	12" x 18"
<b>BPT-40810</b>	8" x 10"	<b>BPT-41518</b>	15" x 18"

Custom sizes available on request from 2.5" x 3" to 80" x 110" and thickness from 2 mil to 6 mil.

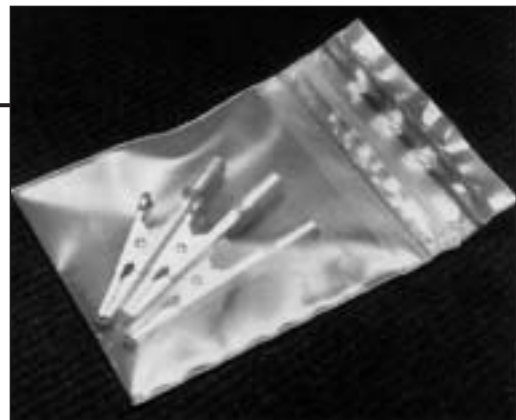
## RECLOSTAT™ PERMASAC™ WITH A ZIPPER

Antistatic bags with dependable internal reclosure system.

Pink material (4 mil)

<b>BPT-40305Z</b>	3" x 5"
<b>BPT-40406Z</b>	4" x 6"
<b>BPT-40608Z</b>	6" x 8"
<b>BPT-40810Z</b>	8" x 10"
<b>BPT-40912Z</b>	9" x 12"
<b>BPT-41216Z</b>	12" x 16"
<b>BPT-41318Z</b>	13" x 18"

Custom sizes available on request.





## FARABAC™ LINE CONDUCTIVE CONTAINER



The Bystat Farabac™ line is injection molded from conductive polypropylene. These strong, high quality containers have been designed to transport, store and handle sensitive devices in the electronic industry.

<b>BTB-1310</b>	300 x 200 x 118mm	(11.8" x 7.9" x 4.6")
<b>BTB-1406</b>	400 x 300 x 73mm	(15.7" x 11.8" x 2.9")
<b>BTB-1410</b>	400 x 300 x 118mm	(15.7" x 11.8" x 4.6")
<b>BTB-1416</b>	400 x 300 x 175mm	(15.7" x 11.8" x 6.9")
<b>BTB-1422</b>	400 x 300 x 235mm	(15.7" x 11.8" x 9.3")
<b>BTB-1431</b>	400 x 300 x 319mm	(15.7" x 11.8" x 12.6")
<b>BTB-1606</b>	600 x 400 x 73mm	(23.6" x 15.7" x 2.9")
<b>BTB-1610</b>	600 x 400 x 118mm	(23.6" x 15.7" x 4.6")
<b>BTB-1616</b>	600 x 400 x 175mm	(23.6" x 15.7" x 6.9")
<b>BTB-1622</b>	600 x 400 x 235mm	(23.6" x 15.7" x 9.3")
<b>BTB-4644</b>	600 x 400 x 440mm	(23.6" x 15.7" x 16.5")

## RACKING

Facilitates insertion of PCBs for handling in production areas. Fits into containers 175mm and higher.

<b>BTR-1200</b> Circuit Board Racking	<b>BTR-1213</b> Galvanized steel bar 255mm (10.0")
<b>BTR-1225</b> Pins	<b>BTR-1214</b> Galvanized steel bar 555mm (21.9")



## SOFTCELL SYSTEM

This file system is for the storage and transport of PCBs of various sizes. Fast easy loading, it is compatible with the Farabac™ container. Customizing available to fit your needs.



## DIVIDERS

Interlocking dividers for sub-division of container interior. Easy to mount and change.

<b>BTR-4145</b> Divider strips 45mm x 1.1m (1.8" x 43.5")
<b>BTR-4188</b> Divider strips 88mm x 1.1m (3.5" x 43.5")



## BINS

For small parts and components. Ideal on workbenches and shelves, can be stacked or mounted on racks or beams.

<b>BTO-4020</b> 3" x 4" x 2"	<b>BTO-4080</b> 14" x 8" x 8"
<b>BTO-4030</b> 6" x 4" x 3"	
<b>BTO-4050</b> 9" x 6" x 5"	Shelf bins also available



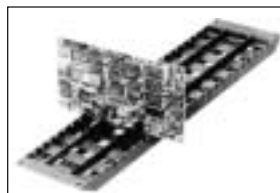
## HINGED CONTAINERS

Series of sizes and styles of hinged containers available. Call Bystat Customer Service. From 1" x 1" to 8" x 6.5"

## CIRCUIT BOARD HOLDER

Economical holders for handling clinched, SMD, soldered or bare boards of any size with no adjustment.

<b>BTR-2100</b>	Circuit board holder 25 slots 6" x 18" (photo)
<b>BTR-3500</b>	Crosswise circuit board holder 11" x 15" Fits in Farabac™ containers.







## Q-STAT CONDUCTIVE PAIL CONTAINER

Our container can be used for storage, transit or handling powder and liquid materials. All pails are air and watertight.

Made from HDPE with surface resistivity less  $10^6 \Omega/\text{sq}$ .

<b>BTQ-2006</b>	6 litres 7.5" X 10.5"
<b>BTQ-2026</b>	26 litres 12.5" X 16.5"
<b>BTQ-2055</b>	55 litres 16..0" X 19.5"
<b>BTQ-2075</b>	75 litres 16.0' X 27.0"

## CONDUCTIVE EXPANDED POLYPROPYLENE

The best innovative material in the last decade. This new technology permits to develop a lightweight and strong conductive material for a lot of applications.

The material can be cut, plied, thermo-formed or thermo-fused with other materials.

<b>BTR-47XX</b>	Dividers' series
<b>BFS-1XXX</b>	SKINFOM conductive sheeting (0.030" – 4.0") 4' x 6'
<b>BFS-3XXX</b>	Thermo-fused SKINFOM sheeting



## CONDUCTIVE CORRUGATED CONTAINERS

Bystat's bins, boxes, shippers and in-plant handlers provide an economical ESD protection for your reels, dip tubes, circuit boards and IC. With our conductive coating, we obtain a surface resistance between  $10^4 - 10^6$  ohms.

**BTH-XXXX** Series.

## DISSIPATIVE STRETCH PINK FILM

Bystat's dissipative stretch film protects your environment against static discharge created by standard stretch film. Robust and good adhesion, 80 gauge.

**BUP-18020** Pink 20" X 5000'

Machine grade

**BUP-28017** Pink 17" X 1500'

Hand application



## HIGH TEMPERATURE & CONDUCTIVE STRAPPING

Made from a strong polypropylene material, the strapping is resistant and flexible. Perfect to strap trays going into a burning room.

**BUS-50300** 12mm X 1500m.



## OFFICE PRODUCTS

Bystat static dissipative binders are available in different colors to help you easily identify different departments or documents.

Available in 1/2", 1", 2", 3"

**BAB-5XXX** series

Labels & Floor tape

**BTP-5080** English Floor Tape

**BTP-5180** French Floor Tape

**BAL-XXXX** series – Labels

Dissipative paper is available in different colors and sizes, in pads or loose sheets (500/pack) letter size 8 1/2 x 11, or post-it pad.

**BAF-XXXX** series





## FARACAGE® STATIC SAFE STORAGE SYSTEM

Cabinets for parts assembly, storage and handling of sensitive electronic components.

- Conductive drawers
- Dissipative paint protects against sparking
- Label card slot

<b>F-25</b>	25 drawer cabinet 12" x 6" x 9.5"
<b>F-35</b>	35 drawer cabinet 12" x 6" x 13"
<b>BFP-8000</b>	High density conductive foam for drawers
<b>BFP-8100</b>	Low density conductive foam for drawers
<b>BFP-8200</b>	Dividers (25/pack)
<b>BFP-8400</b>	Drawers 2" x 5 3/8" x 1 3/8"
<b>BGS-7005</b>	Grounding Kits for Faracage®

## FARACAGE HD™ HEAVY DUTY STATIC-SAFE CABINET

- Heavy gauge steel
- Oversize drawers 4" x 10.5" x 2.75"
- 4 divider slots per drawer

**BFP-1200** 12 Drawer cabinet 17" x 10.75" x 10.5"

**BFP-8450** Drawers

**BFP-8250** Dividers (25/pack)

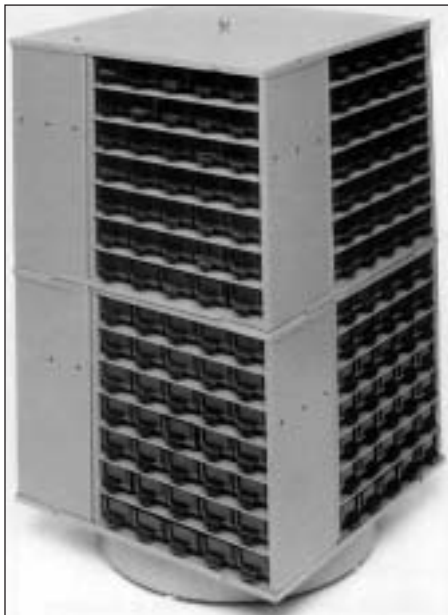


## FARATRACK™

A simple and efficient means to allow access to your most commonly used components. The Bystat Faratrack™ is easily installed on your workbench. It accommodates 10 BFP-8400 drawers.

**BFP-8600** 24" track only

**BFP-8650** Track with 10 drawers



## FARASTAND™ ROTARY BASE

Rotating bases are specifically designed to accommodate an assembly of Faracages® providing a means towards optimum utilization of valuable floor and work space.

- Dissipative paint
- Permits complete flexibility of access
- Ease of assembly
- Adaptable to any surface with simple leveling feature

<b>BFP-8265</b>	Rotating base to accommodate 4 Faracages®
<b>BFP-8275</b>	Rotating vase to accommodate 8 Faracages®
<b>BFP-8300</b>	Rotating base to accommodate 12 Faracages®
<b>BFP-8325</b>	Rotating base to accommodate 16 Faracages®

Faracages® not included



## IONIZATION

Ion Systems is the most advanced & creative manufacturer of ionization products that solve ESD (ElectroStatic Discharge), ESA (ElectroStatic Attraction), and EMI (ElectroMagnetic Interference) problems in the electronics industry.

Applications include:

- Electronics assembly & testing
- Semi-conductor production
- Disk drive production
- Flat panel production
- CD/DVD production
- Medical & Pharmaceutical



## FLOORING

Gerflor manufactures a wide range of durable tiles and sheeting in decorative, colorful, comfortable and anti-static finishes. Made with layers of pure vinyl and other materials, all our flooring products feature a non-porous, easy to clean surface.

Applications include:

**Raised Floors** - Computer rooms  
Office and Administration

**Clean Rooms** - Semi-conductor  
Sterile - Pharmaceutical  
Anti-bacterial - Food production

**Industrial** -  
Electronics & Telecommunications  
Explosive chemical manufacturing  
Hospital nuclear medicine &  
Operating rooms



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