

## Personnel Grounding catalog



**Bennett & Bennett** was founded in 1991 with the sole mission of providing the highest quality static control and cleanroom products at the best possible price. Over the last 17 years we have grown to become an internationally recognized supplier of personal grounding, ESD and cleanroom packaging, static control work stations, ionization equipment, cleanroom consumables, and cleanroom equipment.



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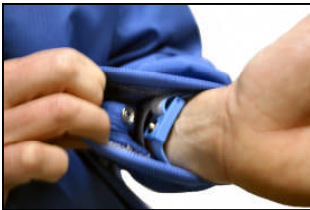
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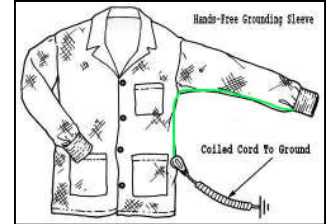
### 8812 Series ESD Jacket

The 8812 Series Jacket features a patented hip-to-cuff feature for hands free grounding. Our 8812 series jacket is fabricated from light weight 88% polyester and 12% carbon fabric and conductive knitted cuffs for unmatched operator comfort. Superior workmanship provides reliable panel to panel continuity.

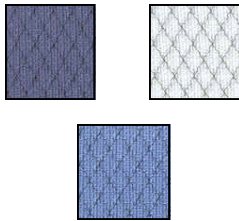
This jacket is available V-Neck and finished collar. Colors:: Light Blue, white and dark blue. Sizes: small thru 6XL.



- Hip-to-cuff hands-free grounding increases worker productivity
- Light weight breathable fabric offer excellent operator comfort
- 12% carbon materials and conductive thread shields ESD susceptible items from charges on operator's clothing



This garment features our standard ground sleeve. The conductive sleeve connects the left cuff/snap, to the snap on the front left pocket. This unique feature assures a reliable "Hands-Free" grounding system.



Part Number	Description
8812JK(XXX)(XX) 8812JK(size)(color)	Jacket with finished collar, 8812 Fabric, 3 pockets, Knitted cuff
8812VK(XXX)(XX) 8812VK(size)(color)	Jacket with V-Neck, 8812 Fabric, 3 pockets, Knitted cuff



### 8812 Series ESD Zippered Jacket

Our 8812 series Zippered jacket is fabricated from 2.2 oz. light weight 88% polyester and 12% carbon fabric . All garments have integral conductive knitted cuffs. The zipper closure is preferred over the snap closure by operators nine to one.

Color: light blue. Sizes small thru 5XL

- 12% carbon materials and conductive thread shields ESD susceptible items from charges on operator's clothing
- Zipper closure is preferred by operators nine to one



Part Number	Description
8812WL(XXX)BZN 88812WL(size)BZN	Jacket w/collar, 8812 Fabric, 2 pockets, Knitted cuff



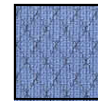
### 5049 Series ESD Jacket

The 5049 Series Jacket features a patented hip-to-cuff feature for hands free grounding. The 5049 jacket is constructed of a custom polyester/cotton blend to provide excellent durability and operator comfort.

The 5049 Series Jacket incorporates the same conductive grid and knitted cuffs used in our 8812 Series jackets to provide a reliable Static shield. They are available in the following colors: light blue and white. We offer a wide range of sizes, from small thru 6XL.



- Hip-to-cuff hands-free grounding increases worker productivity
- 65% Polyester, 35% cotton blend for superior drape and durability



This garment features our standard ground sleeve. The conductive sleeve connects the left cuff/snap, to the snap on the front left pocket. This unique feature assures a reliable "Hands-Free" grounding system.

Part Number	Description
5049JK(XXX)(XX)	Jacket w/collar, 5049 Fabric, 3 pockets, Knitted cuff
5049JK (size)(color)	

### Adjustable Elastic Wrist Strap Set

This premium quality, adjustable wrist band features a woven cloth wrist strap with a 6' or 12' coiled cord. The curved, full metal back plate on the adjustable buckle assures uniform skin contact. The 240 Series wrist strap set and its components are on the Qualified Product List with the Defense Department. The wrist band easily adjusts to fit all size wrists.



- 360 degree swiveling connector for freedom of movement
- One size fits all
- Curved buckle for comfort
- On Qualified Product List with US military

Part Number	Description
240-006	Woven wrist strap with 6' coiled cord
240-012	Woven wrist strap with 12' coiled
000-006	6' Coiled cord with one meg ohm resistor
000-012	12' Coiled cord with one meg ohm resistor



WSM-GG3

### Work Station Monitor

The WSM-GG3 Work Station Monitor is a real time instrument that ensures that critical ESD generators are effectively grounded. The instant an operator's wrist strap or cord fails, the monitor will issue audible and visual (LEDs) alarms alerting the user and supervisor of the problem.

- Eliminate periodic testing by utilizing continuous monitoring
- Satisfy ANSI/ESD S20.20 test logging. ANSI/ESD S20.20 Paragraph 6.2.2.2
- Provides virtually instantaneous notification of static control equipment failures



Part # HGC-EV1

### HGC-EV1 Heel Grounder

Reusable conductive heel grounder provides continuous grounding of an ESD flooring system. This is our most economically priced heel grounder. This cup style heel grounder is made of tire-grade rubber for long life.

- One size fits all
- Cup style heel grounder offer dual wear surfaces
- Will not scuff shoes
- Standard 1 meg ohm resistor for safety

### HGC-SV1

This cup style heel grounder incorporates a soft stretch Velcro closure to assure operator comfort. The 1-1/4" tire grade 2-ply conductive rubber assures contact with ESD approved floor system.

- Works with any style footwear
- Standard 1 meg ohm resistor for safety
- Adjustable to any size



Part # HGC-SV1



Part # HG1D

### HG1D Heel Grounder

Adjustable heel grounder with stretch back to provide a comfortable fit. The HG1D resizes in seconds with Velcro D-Ring closure. The HG1D resizes in seconds with Velcro D-Ring closure.

- Red elastic back for high visibility of use
- Quickly adjusts to any size via D-Ring closure design
- Standard 1 meg ohm resistor for safety
- Works with any style of footwear

### HGC-QL1

This heel grounder is designed with comfort and ease of use in mind. The soft stretch Spandex fits over the top of the foot and combines with a quick-release snap-in-place locking buckle to assure user comfort and ease of use.

- Quick-lock buckle unlocks with one finger
- Cup style heel grounder offers dual wear surfaces
- Standard 1 meg ohm resistor for safety



Part # HGC-QL1



### 5100 Series ESD Vinyl Matting

This laminated 3 ply static dissipative mat is the most durable vinyl work surfaces on the market. The 5100 Series is a 3-layer laminated material that consists of a durable static dissipative top layer, a fiberglass-reinforced conductive middle layer, and a dissipative cushioning bottom layer. 5100 Series is on the stringent Qualified Product List with the US Military. It is available in up to 48" wide and up to 100' long. Stock colors: sky blue and chocolate brown.



- Top & bottom layer are  $10^6 - 10^8$  ohms RTT
- Middle layer is  $10^3 - 10^5$  ohms RTT
- The top layer is used as flooring on aircraft
- Made in America
- Custom size mats are available

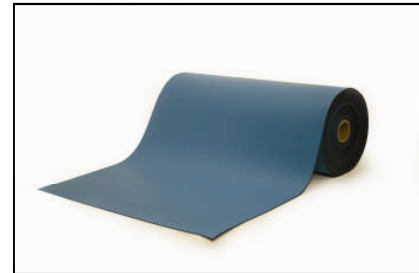
Part #	Description
51002450B	3-Ply Vinyl, 2' x 50 x .125", Blue
51004850B	3-Ply Vinyl, 4' x 50 x .125", Blue
51002450R	3-Ply Vinyl, 2' x 50 x .125", Brown
51004850R	3-Ply Vinyl, 4' x 50 x .125", Brown

- Top layer is  $10^6 - 10^8$  ohms RTT
- Bottom layer is  $10^3 - 10^5$  ohms RTT
- Superior resistance to chemicals, dirt, hot soldier.
- Made in America
- Custom size mats are available

Part #	Description
53002450B	2-Ply Rubber, 24" x 50 x .125", Blue
53003050G	2-Ply Rubber, 30" x 50 x .125", Blue
53002450R	2-Ply Rubber, 24" x 50 x .125", Green
53003050R	2-Ply Rubber, 30" x 50 x .125", Green

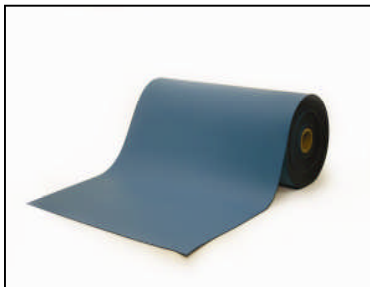
### 5300 Series ESD Rubber Mat

The 5300 Series static dissipative mat is made of 2-ply rubber. The static dissipative top layer is backed by a conductive bottom layer to provide outstanding electrical performance. This premium nitrile butadiene rubber mat is heat and chemical resistant. Both sides of the mat are textured to provides superior non-slip surface



### 5400 Series ESD Rubber Mat

The 5400 Series static dissipative mat is made of 2-ply rubber. The static dissipative top layer is backed by a conductive bottom layer to provide outstanding electrical performance. This premium nitrile butadiene rubber mat is heat and chemical resistant. Both sides of the mat are textured to provides superior non-slip surface



- Top layer is  $10^6 - 10^8$  ohms RTT
- Bottom layer is  $10^3 - 10^5$  ohms RTT
- Superior resistance to chemicals, dirt, hot soldier.
- Made in America
- Custom Made mats are available

Part #	Description
54002450B	2-Ply Rubber, 24" x 50 x .060", Blue
54003050G	2-Ply Rubber, 30" x 50 x .060", Blue
54002450R	2-Ply Rubber, 24" x 50 x .060", Green
54003050R	2-Ply Rubber, 30" x 50 x .060", Green



### 5110 Series ESD Field Service Kit

The 5110 Series static dissipative field service kit is constructed of a 3-ply vinyl material. This product is 2' x 2' with two (2) pockets for convenient storage of tools and static sensitive product. It comes complete with a 240-012 woven wrist strap and 15' common point ground system.



Part # FSK2436

- Provides a convenient and effective ESD protected area for field service applications.



### 5700 Series ESD Floor Mat

The 5700 Series conductive vinyl floor runner is extremely durable and comfortable. The diamond plate top surface is backed with a beveled conductive cushioned foam. Mat can

be designed up to 9' wide by 70' long with beveled edges on all sides.

- Mat Resistivity is  $10^5$ –  $10^6$  ohms RTT
- Excellent choice for high traffic areas
- Superior comfort and soil resistance
- Meets ANSI/ESD and EIA-625 ESD Std.
- Made in America
- Custom size mats are available

Part #	Description
57003605	Floor Mat, 36" x 60" x .9/16", Black
570036XX	Custom Sizes Available

### Common Point Ground

The 4715 Common Point Grounding system offers dual banana jacks and 10mm male snap for common point grounding of ESDS matting and personnel. The product has a one meg ohm resistor and a 15 cord terminated with a # 10 ring.



### Floor / Table Mat Ground

This ground lead is a universal floor and table mat ground connector featuring a unique hooded design to minimize snags on table tops and trips on floor matting. The product has a 10mm male snap with one meg ohm resistor on one end of a 15" cord terminated with



### Grounding Accessories

Bennett & Bennett offers a large selection of grounding accessories including: push-in snaps, screw-in snap sets, bulldog and alligator clips, various grounding blocks and interconnectors.

- Machined and stamped parts
- Various configurations to meet many needs
- Reliable quality





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