



# ESD Essentials Product Catalog 2020



## Antistat

Antistat Inc.  
1,000 Heritage Center Circle  
Round Rock  
Texas 78664  
USA

+1 512-580-4220 | [sales@antistat.com](mailto:sales@antistat.com)  
Buy online at [www.antistat.com](http://www.antistat.com)



Global Leaders in ESD and  
Production Consumables



## Have a question? We have Live Chat!

If you have any questions before you place your order, simply visit [www.antistat.com](http://www.antistat.com) and chat directly with one of our sales advisors.

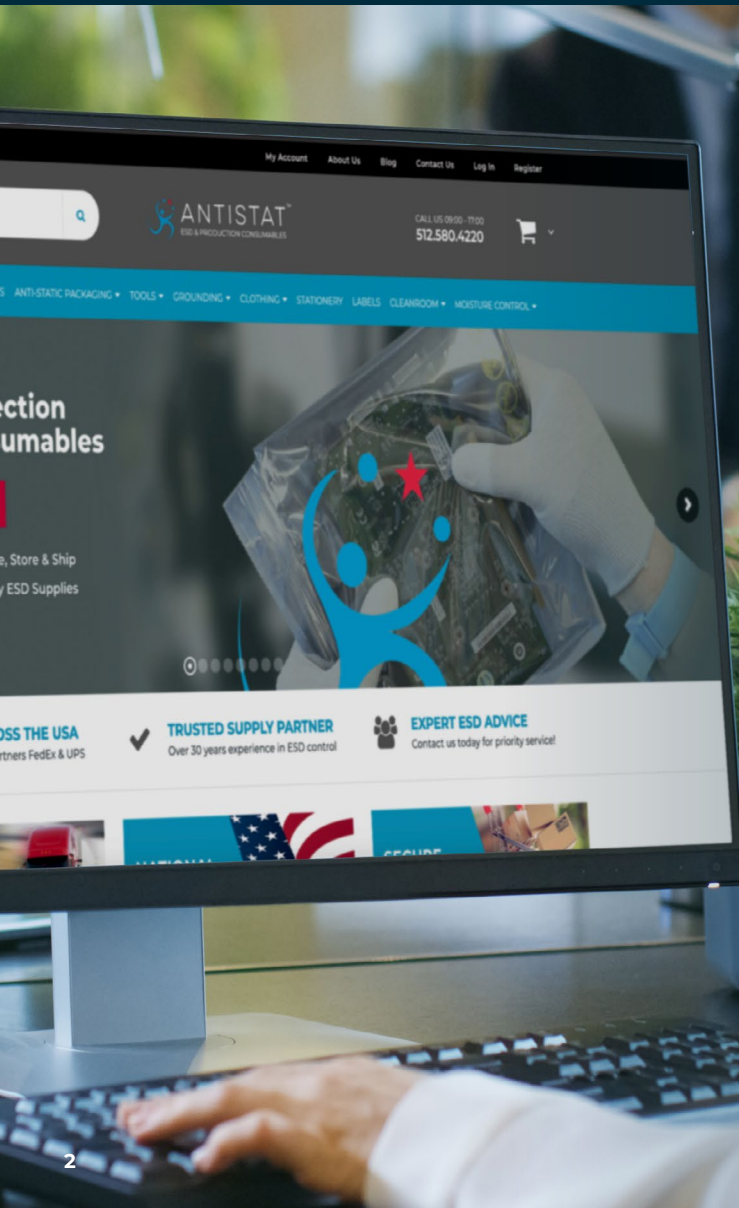


## Antistat are global leaders in ESD & production consumables.

We also supply hundreds of essential ESD consumables to meet the challenge of electrostatic discharge and adverse environmental conditions experienced during handling and transportation of sensitive devices and materials.

From personnel grounding, ESD monitoring to flooring and shipping materials, Antistat are experts in electrostatic discharge supplies and high-end technology-led packaging solutions.

The company is quality approved to ISO 9001:2015 standards. Antistat have been supplying the electronics, medical, defense, aerospace & automotive sectors since 1987, our global client-list includes brands like Apple, BMW, Celestica, Cisco, Farnell, Flextronics, Ford, Foxconn & IBM.



## Want to place an order?

Buying from Antistat is really easy and you can order in any way below:



Buy online at  
[www.antistat.com](http://www.antistat.com)



Email us at  
[sales@antistat.com](mailto:sales@antistat.com)



Call us on  
**+1 512-580-4220**



Message us on Live Chat  
[www.antistat.com](http://www.antistat.com)



## Static Shielding Bags

OPEN TOP	ANT010SSB
GRIP SEAL	ANT013SSB

Perfect for protecting sensitive electronic products and equipment from electrostatic discharge during storage and shipping. Ideal for safe storage of PCB's, integrated circuits, motherboards and computer components.

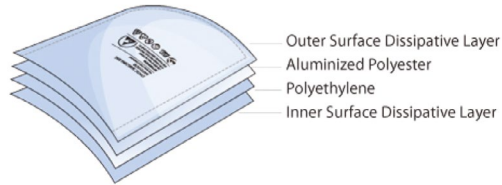
Manufactured from industry approved polyester and polyethylene laminates. The polyester dielectric works with the metal layer to provide a Faraday effect.



GRIP SEAL

### Features

- Semi transparent for easy identification
- Four layer protection guards
- Surface resistance of  $10^8$ - $10^{11}\Omega$
- Conforms to EIA 625, EIA 541, ANSI/ESD S-20.20
- Custom sizes and print available



PRODUCT CODE	SIZE (IN)	SIZE (MM)	PACK SIZE
010-0084	2 x 3	50.8 x 76	100
010-0005	4 x 6	102 x 152	100
010-0015	6 x 10	152 x 254	100
010-0025	8 x 12	203 x 305	100
010-0032	10 x 18	254 x 457	100
010-0040	12 x 14	305 x 355	100
010-0048	14 x 18	355 x 457	100
010-0056	16 x 20	406 x 508	100
010-0060	18 x 24	457 x 610	100
010-0067	20 x 30	508 x 762	100

Have a question?  
We have Live Chat!

Visit our website and send us a message via Live Chat.



24/7 Live Chat at  
[www.antistat.com](http://www.antistat.com)



## Pink Anti-Static Bags

OPEN TOP	ANT001PAB
GRIP SEAL	ANT003PAB

Suitable for protecting sensitive equipment from ESD damage. These anti-static bags provide excellent protection from this outcome, boosted by the tight heat sealable opening to suit the required component. All models are highly reliable and excellent quality. Ideal for use within an EPA.

### Features

- Blow-molded with anti-static additives LDPE and LLDPE
- Surface resistance of  $10^7$ - $10^{10}\Omega$
- Static release time is <2 secs
- Custom sizes, colors and print available



Choose bag in either open-top or grip seal



3.6MIL  
4.4MIL  
options  
available

## Moisture Barrier Bags

3.6MIL	ANT018MBB-3.6
4.4MIL	ANT018MBB-4.4

To protect electronics from moisture and static damage, Moisture Barrier Bags are opaque ensuring the item inside cannot be seen from outside. Bags can be vacuum sealed ensuring moisture and static protection for electronic products such as PCB's and integrated circuits.

### Features

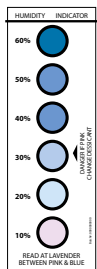
- Protects electronics from moisture and static damage
- Available in three or four layer structures
- Film lamination and heat sealing offers superior resistance to vapor and oxygen
- Surface resistance of  $10^8$ - $10^{11}\Omega$

## Humidity Indicator Cards

**SEALED CAN 309-0005**

Humidity Indicator Cards (HICs) provide a low-cost method of indicating humidity conditions inside a moisture barrier bag after vacuum packaging. The indicator spots on the HIC's change color as the humidity increases and decreases.

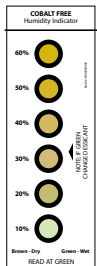
In order to constantly verify that dry packaging methods are not compromised during storage and transport of these products, humidity indicator cards allow users along the supply chain to monitor the package conditions. Indicator spots change from brown to green after exposure to the relevant relative humidity conditions. The cards are reversible and change as conditions vary in the packaging environment, allowing users to monitor the condition of product packaging.



### Standard Indicator Cards

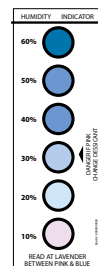
The indicator spots change color from blue to pink as humidity increases and from pink to blue as humidity decreases.

Maximum humidity Indicator option available.



### Cobalt Free Indicator Cards

Environmentally friendly Cobalt Free Humidity Indicator Cards do not contain cobalt and provide humidity level indication for dry packaging, to electronic and semiconductor manufacturers.



### Cobalt-Dichloride Free

Cobalt-Dichloride Free Humidity Indicator Cards provide electronic and semiconductor manufacturers with a JEDEC-compliant humidity indicator card that is free of Cobalt-Dichloride, a chemical regulated under European Chemical Bureau (ECB) REACH directives.

## Component & Transit Boxes

The Corstat® range of Component Boxes offer a convenient and safe way to store and transport static sensitive devices. The Corstat® conductive coating provides Faraday Cage protection and the anti-static foam insert provides ESD-safe cushioning to protect the box contents.

Manufactured from conductive, corrugated fibreboard the Corstat® Component Boxes are available from stock in a range of sizes, supplied with cushioning and protective pink, anti-static foam. Depending on your needs, the boxes can be delivered flat-packed or fully assembled.

### Features

- The Corstat® conductive coating provides a Faraday Cage protection
- The anti-static foam provides ESD-safe cushioning
- Packs are available assembled or flat-packed as required

### Standard Sizes

PRODUCT CODE	SIZE (L x W x D) (MM)	NOTES
026-0153	40 x 40 x 15	Flat Packed
026-0002	60 x 60 x 25	Flat Packed
026-0020	74 x 64 x 40	Flat Packed
026-0003	100 x 100 x 38	Flat Packed
026-0204	135 x 50 x 20	Flat Packed
026-0142	146 x 70 x 24	Flat Packed
026-0151	146 x 146 x 24	Flat Packed
026-0152	178 x 89 x 25	Flat Packed



Boxes supplied blue or black & huge range of sizes



**Can't find the size you are looking for?**

Contact us for our full range of Component Boxes.



Call us on  
**+1 512-580-4220**

## ESD Workstation Matting

SMOOTH

ANT082S2L-A

Designed to drain static charge from items placed on its surface, our matting also protects the surface of the ESD sensitive devices from wear and tear.

For a mat to effectively ground an item, the item must be either conductive or dissipative as insulative items will not allow charge to drain to ground eg: most plastics.

### Features

- 2mm/3mm thick double-layer structure
- Surface is a 0.5mm static-dissipative layer
- Bottom is a 1.5mm conductive layer



Blue



Grey



Green

Please note: Colors may vary, so please get in touch to request a sample.

**ANTISTAT™**  
ESD & PRODUCTION CONSUMABLES

### Looking for textured matting?

We also offer a full range of textured matting. Please get in touch to find out more.



Call us on  
**+1 512-580-4220**

## Matting Press Studs

METAL

067-0021

Press studs create earth grounding points on bench and floor mats making it easy to connect grounding cords.

### Features

- Pack of 100 stud sets
- Durable material and design
- Easy to use



## Have a question? Use our Live Chat!

If you have any questions before you place your order, simply visit [www.antistat.com](http://www.antistat.com) and chat directly with one of our sales advisors.

## ESD Gloves

Anti-Static gloves and conductive gloves are available in a wide range of styles, sizes and materials. Not only do they prevent damaging electrostatic discharge (ESD), they also provide protection against grease, dust and particle contamination in critical production environments; including certified cleanrooms and EPA's.

A variety of palm and finger tip coatings ensure optimum dexterity and comfort for the operator.



### Require a different kind of glove?

We offer a wide range of production gloves. Please get in touch to find out more.



See our range online:  
[www.antistat.com](http://www.antistat.com)



**ANTISTAT™**  
ESD & PRODUCTION CONSUMABLES

### ESD PU Tip Gloves - Nylon

GLOVE NYLON 109-0007

ESD knitted nylon glove with polyurethane (PU) coating on the finger tip sections.

#### Features

- 100% Nylon, PU Fingertip Coating
- Surface resistivity:  $1 \times 10^{6-8} \Omega/\text{cm}$

S M L XL

### ESD PU Tip Gloves - Copper

GLOVE COPPER 109-0037

ESD knitted glove with conductive copper filament.

#### Features

- 80% Nylon and 20% Copper, PU Fingertip Coating
- Surface resistivity:  $1 \times 10^{3-5} \Omega/\text{cm}$

XS S M L XL XXL

### ESD PU Tip Gloves - Carbon

GLOVE CARBON 109-0909

ESD knitted glove with dissipative carbon filament.

#### Features

- 80% Nylon and 20% Carbon, PU Fingertip Coating.
- Surface resistivity:  $1 \times 10^{6-8} \Omega/\text{cm}$

S M L XL

#### BEST SELLER

Washable in standard laundry machine



### ESD Seamless Knit Gloves - Carbon Stripe

CARBON STRIPE 109-0414

With dissipative carbon stripe filament, making these ideal for use when handling electronic parts.

#### Features

- 90% Nylon and 10% Carbon, Knitted with 13 gauge
- Surface resistivity:  $1 \times 10^{7-9} \Omega/\text{cm}$

S M L XL

## Conductive Circular Trash Cans

BLACK **ANT091FWB**

Conductive Trash Cans, when used in conjunction with our range of Anti-Static Trash Liners, provide a comprehensive ESD safe solution to waste disposal. Our trash cans are available in two variants: square fibreboard or round polypropylene.

Featuring the ESD logo for easy identification, these trash cans are designed specifically for use in EPA's.

### Features

- Made of black, conductive polypropylene
- Washable
- Marked with ESD logo
- Resistance: <math><10^6</math> ohms

**Note:** Anti-static trash sack liners sold separately.



## Fibreboard Rectangular Trash Cans

BLACK **091-0023**

The square basket (available in three sizes) is made of black, 2mm thick conductive fibreboard with reinforced bottom corners and has a resistance of <math><10^6</math> ohms.

### Features

- Conductive fibreboard, 2mm thick
- Reinforced bottom corners for durability
- Round-headed metal stud feet
- Resistance: <math><10^6</math> ohms



## Anti-Static Trash Cans

BLACK **ANT091FWB-1**

Manufactured from carbon-infused polypropylene, the Anti-Static Trash Cans can be safely used in a static controlled area.

Placed on an ESD floor or ESD floor mat, these trash cans will ensure that the ESD path to ground is maintained.

Use anti-static Trash Sack Liners with these trash cans to ensure that no charge is generated.

### Features

- Made of black, conductive polypropylene
- Washable
- Marked with ESD logo
- Available with or without lid

## ESD Trash Sack Liners

ASSORTED **091-0028**

Our ESD Trash Liners are specifically designed for the particular needs of the electronics industry and, when used in conjunction with our range of Conductive Trash Cans, provide a comprehensive ESD-safe solution to waste disposal in an EPA.

Available in a range of six colors, these 110 liter refuse sacks are sold in packs of 100.

### Features

- Specifically designed to meet the needs of the electronics industry
- Printed in black with the industry-standard ESD logo and text for ease of identification
- Available in black, blue, yellow, clear, pink or green for easy identification



## SMT Splice Tape & Tools

### Splice Tape

Producing and distributing a wide range of production tools and consumables that are used in ESD Splicing and Jointing. Splicing Tools provide a quick and easy method of joining component reels tapes together.

Our new and wide range of quality SMT Splice Tape and Tool products include; Splice Tape Extenders, Connectors, Shims, Splice Leader Tape and Splice Tools.



## Splice Tape Connectors

Splice Tape Connectors are used to join new reels to depleted reels in the SMT industry. This avoids machine downtime and increases efficiency.

This product provides secure and precise jointing between tapes, without stopping automated pick and place feeders.

### Features:

- Supplied in a range of sizes – 8mm, 12mm, 16mm, 24mm, 32mm, 44mm and 56mm
- 1,000 connectors per box
- Strong self-adhesive, peel off backing section
- Suitable for all SMT pick and place feeders



## Splice Tape Tools

Splice Tape Tools used to apply Brass Shims to the ends of the tapes and while holding them fixed in position, it is easy to apply the splice tape connector.

The handle is specifically designed for SMT Carrier Tapes. Use this tool for professional splicing of SMD tape, paper or embossed connecting reels.



DISCOUNTS  
FOR BULK  
PURCHASES



## ESD Field Service Kit

FIELD KIT 069-0003

This static safe Field Service Kit is a neat and handy portable EPA for use when away from your permanent workstation.

The compact yet highly visible red pouch contains a mat, wrist band, coiled lead and straight lead so you can safely work to EN 61340-5-1 requirements.

### THE KIT INCLUDES:

- 1 x Red Pouch
- 1 x Mat (Size: 590 x 590mm)
- 1 x 10mm Wrist Band
- 1 x Coiled Earth Lead (10mm – Banana)
- 1 x Straight Earth Lead (Banana with Crocodile Clip)

### Additional technical details of the kit include:

- Surface Resistivity:  $>1 \times 10^6 - 1 \times 10^8$
- Material: 2 layer embossed vinyl
- Min/Max Temp Range:  $-5^{\circ}\text{C}$  to  $40^{\circ}\text{C}$
- Weight: 350g | Thickness: 0.6mm

### ESD Field Service Kit benefits:

- Creates an instant EPA for safe working, even remotely
- Red pouch ensures the kit is easily visible
- Self-contained kit keeps everything safely stored and neatly to hand
- For use in the field where there is no EPA
- To provide an instant solution, maintaining efficiency remotely

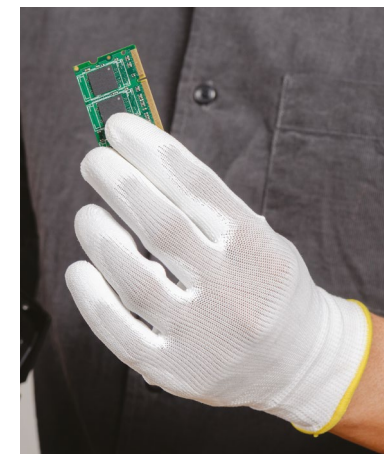


## Can't find quite what you are looking for?

Contact us today for our full-range and bespoke options for ESD field service and workstation kits



Call us on  
**+1 512-580-4220**







## Anti-Static Clipboards

BLUE 105-0006

Anti-Static Clipboards are made of durable, high quality, permanently antistatic PVC. The design features ESD safe markings, which clearly identify them as compliant for static controlled areas.

Compatible with standard letter sized documents and with a in-built pen holder, these will prove to be an essential piece of stationery in your electrostatically protected area (EPA).

### Features

- Compatible with standard letter sized documents
- High quality spring loaded metal clip
- Permanently anti-static
- Compliant for static controlled areas

## High Temperature Polyimide Masking Tape

POLYIMIDE ANT05IHTMT

This High Temperature Polyimide Tape is ideal for masking printed circuit boards during wave solder or solder dip processes, as well as for solder wave masking and electrical insulation. This product has remarkable dimensional stability and excellent electrical and physical properties over a wide range of temperatures.

This high temperature tape is a polyimide, pressure-sensitive, adhesive tape with silicon resin which shows excellent dielectric insulation properties, high heat and solvent resistance. In addition, this product is neither corrosive nor ozone depleting and is both flame and chemical resistant.

### Features

- Total Thickness: 0.070mm
- Heat Resistance: 230°C, Silicon resin adhesive
- Excellent solvent resistance
- Neither corrosive nor ozone depleting
- Flame and chemical resistant

Rolls of 108ft, available in eight different widths.

## Economy ESD Wrist Strap Set – 10mm Stud

BLUE ANT066WSS

A comfortable, fully adjustable anti-static Wrist Band and Grounding Lead Set. The fabric wrist strap and stainless steel design is hypoallergenic to reduce the risks of skin allergies. With a 6ft long coiled earth lead, and either a 10mm press stud or 4mm banana termination, this is an ideal set to reduce the dangers of static electricity damage in your EPA.

### Features

- Comfortable and fully adjustable
- Wrist strap has a conductive interior made of hypoallergenic stainless steel, nylon filament
- Wrist strap has a surface resistivity of  $10^3$
- 6ft long grounding cord incorporating a 1M ohm resistor for operator safety
- Available as 10mm to banana socket, or 10mm to 10mm stud



10% OFF!  
your first online order over £100\*  
Use Code: BROCHURE10



## ESD Heel Strap with Clip Fastener

ASSORTED STYLES 068-0005

A durable ESD Heel Strap Grounder that includes a simple clip fastener for ease of use. The heel strap is designed to ensure continuous ESD protection and long-term use. The clip fastener is a convenient alternative to a hook and loop strap with its quick open and close function.

### Features

- Strap incorporates a 1 Meg Ohm safety resistor
- Designed for use with ESD flooring & matting
- Hard wearing & designed for long term use
- Straps can be hand washed in mild detergent
- Conforms to the requirements of ANSI/ESD S-20.20 and EIA 625

## ESD Labelling & Signage

ESD labels (compliant with EN61340-5-1) must appear on all packaging containing static sensitive devices. Antistat offer a wide range of labels for electronics to compliment your ESD program, including JEDEC approved moisture barrier labels.



### Labelling

Correctly labelling static sensitive devices and components plays a crucial role in reducing the risk of electrostatic discharge attributed to poor handling. Our labels come in a range of sizes and languages that comply with ESD industry standards.



### ESD Signage

As part of any ESD control program, clear and visible signage will help identify Electrostatic Protected Areas (EPA) where only authorized personnel are permitted to enter. The Antistat signage range includes rigid and self-adhesive multi-language options for a variety of wall and floor surfaces.



### Floor Marking Tape

Our highly visible, yellow floor marking tape is printed in black with the ESD caution logo and is ideal for marking EPA boundaries. The floor marking tape is self adhesive and adheres well to synthetic and clean particle free concrete floors. Other colors available.



## ESD Document Wallets

CLEAR

ANTI05DW

Open top permanently anti-static document wallets, designed to store paper documents whilst preventing static charges from being built up and discharged.

Unlike standard office stationery, our document wallets are suitable for use within an EPA (ESD Protected Area). Available in standard letter sizes, they are also EN 61340-5-1 compliant – an essential product for storing instructions, checklists or charts where static is monitored and controlled.



### Features

- Surface Resistance:  $10^9 - 10^{10}$  Ohms/sq
- Available in standard letter sizes
- Printed with the ESD logo

## Anti-Static Ring-Binders

BLUE

ANTI05RB



Anti-Static Ring-Binders are designed to replace standard high charging insulative binders within the EPA. In portrait orientation, these folders are finished in high quality, permanently anti-static blue PVC and supplied with either 1" or 2" rings.

### Features

- Surface Resistance:  $10^{11}$  Ohms/sq
- D-ring mechanism
- 2-ring or 4-ring configurations
- Permanently antistatic PVC covering

The ESD warning symbol is featured on the front and spine of the ring binder, and there is also a 65mm spine label pocket for efficiency.

