

ESD PACKAGING



SCS
StaticControl.com

STATIC SHIELDING BAGS



1000 Series
Metal-In Static Shielding
(Open and ZipTop)



1300 Series
High Puncture
Metal-In Static Shielding
(Open and ZipTop)



1500 Series
Metal-Out Static Shielding
(Open and ZipTop)



2300R Series Cushioned
Metal-In Static Shielding

	*Surface Resistance: Exterior	*Surface Resistance: Interior	**Thickness: Typical Value Nominal: $\pm 10\%$	+Puncture Resistance - Average
Metal-In Static Shielding 1000 Series	1×10^4 to $< 1 \times 10^{11}$ ohms	1×10^4 to $< 1 \times 10^{11}$ ohms	0.0028" (0.071mm)	12 lbs
Metal-In Static Shielding 1300 Series	1×10^4 to $< 1 \times 10^{11}$ ohms	1×10^4 to $< 1 \times 10^{11}$ ohms	0.0032" (0.0813mm)	22 lbs
Metal-Out Static Shielding 1500 Series	1×10^4 to $< 1 \times 10^6$ ohms	1×10^4 to $< 1 \times 10^{11}$ ohms	0.0030" (0.0762mm)	10 lbs
Metal-In Cushioned Static Shielding 2300R Series	1×10^4 to $< 1 \times 10^{11}$ ohms	1×10^4 to $< 1 \times 10^{11}$ ohms	0.150" (3.6mm)	20 lbs

*Tested per ANSI/ESD STM11.11 | **Tested per MIL-STD-3010C 1003 | +Tested per MIL-STD-3010C 2065

SCS also manufactures Cartridge Bags and Custom Size Bags. Printing is available.

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MOISTURE BARRIER BAGS



Dri-Shield® 2000 Series
Aluminized Moisture Barrier
(Open and ZipTop)



Dri-Shield® 2700 Series
High Puncture Aluminized
Moisture Barrier



3370 Series
Cleanliness Tested Aluminized
Moisture Barrier
(Open and ZipTop)



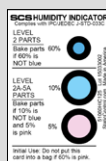
Dri-Shield® 3000 Series
High Barrier Nylon & Foil
Moisture Barrier



Dri-Shield® 3700 Series
High Puncture, High Barrier Foil
Moisture Barrier
(Open and ZipTop)



Desiccants

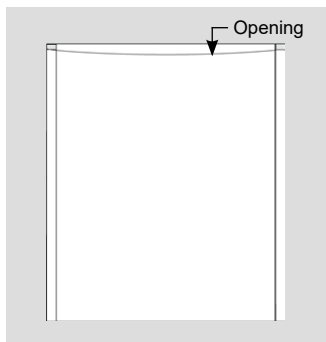


Humidity Indicator Cards

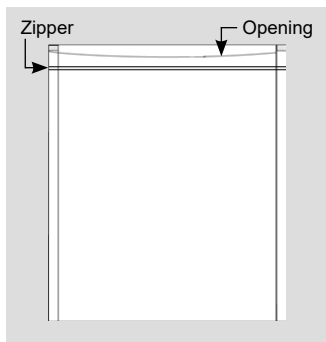
Moisture barrier bags are designed to be used with Desiccant and Humidity Indicator Cards for packaging surface mount devices (SMD) trays and reels. The Humidity Indicator Cards measure the level of relative humidity that the contents have been exposed to. A properly sized desiccant pouch will absorb any moisture within the dry package.

	*Surface Resistance: Exterior & Interior	Film Type	**Thickness: Typical Value Nominal: ±10%	+Puncture Resistance - Average
Moisture Barrier Dri-Shield® 2000 Series	1×10^4 to $< 1 \times 10^{11}$ ohms	Aluminum	0.0036" (0.0914mm)	20 lbs
Moisture Barrier Dri-Shield® 2700 Series	1×10^4 to $< 1 \times 10^{11}$ ohms	Aluminum	0.007" (0.1778mm)	30 lbs
Moisture Barrier 3370 Series	1×10^4 to $< 1 \times 10^{11}$ ohms	Aluminum	0.0036" (0.0914mm)	20 lbs
Moisture Barrier Dri-Shield® 3000 Series	1×10^4 to $< 1 \times 10^{11}$ ohms	Foil	0.006" (0.1524mm)	16 lbs
Moisture Barrier Dri-Shield® 3400 Series	1×10^4 to $< 1 \times 10^{11}$ ohms	Foil	0.004" (0.1016 mm)	20 lbs
Moisture Barrier Dri-Shield® 3700 Series	1×10^4 to $< 1 \times 10^{11}$ ohms	Foil	0.0042" (0.1068 mm)	25 lbs

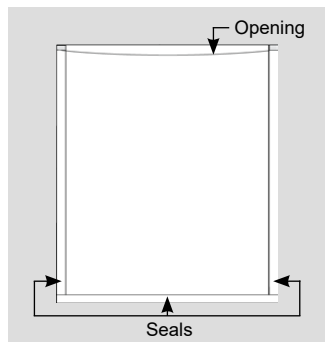
*Tested per ANSI/ESD STM11.11 | **Tested per MIL-STD-3010C 1003 | +Tested per MIL-STD-3010C 2065



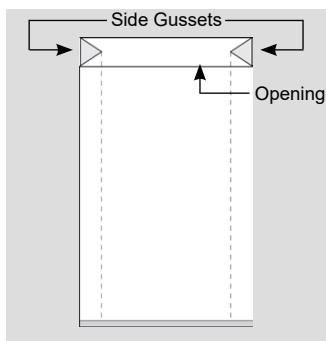
Open



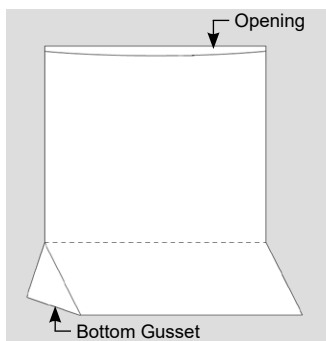
ZipTop



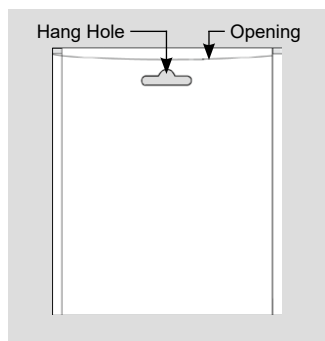
3 Side Seal



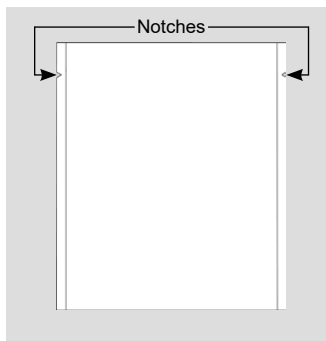
Side Gusset



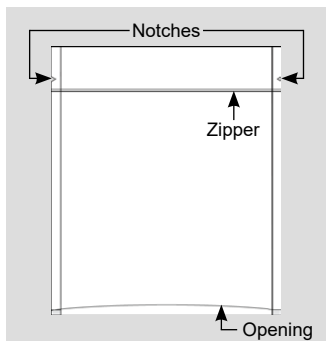
Bottom Gusset



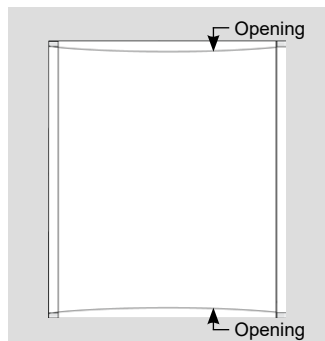
Sombrero Hang Hole



Tamper Resistant



Tamper Evident



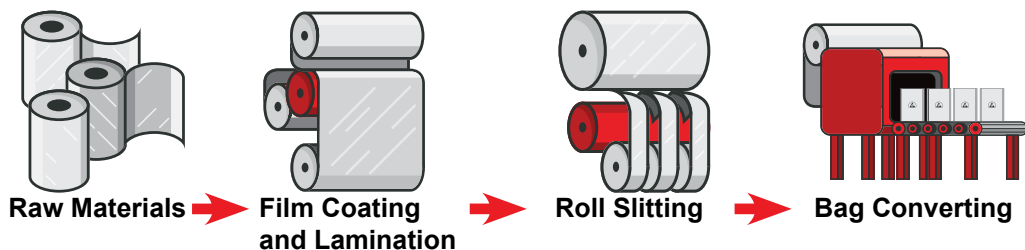
Tube

Other Customizations Available

- Seam Emboss
- Custom Markings
- Tape Top
- Compartment Bags
- Labeling



SCS has a Label Inspection System to make sure the label is present, straight, and not wrinkled.



Raw Materials (RMs)

- Our laboratories allow us to design our own film laminations and specify the raw materials we use.
- We qualify our suppliers with product testing.
- Certificates of Conformance are provided with each Raw Materials shipment.
- Raw Materials are also tested to confirm key parameters.
- Raw Materials include: antistat, polyester – clear and metallized, polyethylene – clear and black, nylon, foil, adhesive, and others.

Film Coating and Lamination

- We laminate and coat the film we process into bags.
- This high-speed, wide width, multi-layer coater/laminator was designed to make high quality films at competitive costs.
- Our films meet and exceed industry, customer, and other specifications.
- Manufacturing film enables SCS to bring new materials and technologies to market faster while maintaining a technical advantage.

Roll Slitting

We cut the large master rolls made on the laminator into “slit rolls” that fit onto a bag converting machine.

Testing

We test raw materials, we test the film after coating and lamination, we test after slitting, we test and inspect during conversion, and we conduct a Final Product Audit (FPA) just prior to sending a completed order to shipping.

Bag Converting



WHO IS SCS?

On January 2, 2015, Desco Industries Inc of Chino, California purchased the assets of the 3M Static Control business, thereby creating the largest manufacturer of Static Control products in North America. This purchase led to the creation of Desco Industries newest brand, SCS.

The static control market is a niche market and a fairly new one. 3M made many contributions as the market leader, including inventing the Metal-Out Static Shielding bag in 1977. They also developed high-tech solutions for static control challenges, particularly in promoting the use of workstation continuous monitors.

Previous acquisitions have contributed to SCS becoming a vertically integrated manufacturer that spans from raw materials to finished products, providing unique control over the supply chain, product development, manufacturing, and quality management. We now have the broadest range of static control shielding and barrier bags which are manufactured at our Sanford, NC facility. With our manufacturing capabilities we can and do make specialty films on-site.

Although some changes have been made, our philosophy remains the same. We continue to offer a full line of Static Control products, using the same product numbers, manufactured by the same people. Our intent is to fill holes in the offering to have the broadest Static Control offering available along with the continuing to provide innovative technology. We sell our products through a wide network of manufacturer's reps, distributors, and resellers. We also have a comprehensive eCommerce web site, StaticControl.com. On our site you will find many resources which include technical documents, videos, product selection guides, published articles, and much more.

Your local authorized stocking distributor
www.hardwarespecialty.com

SCS

