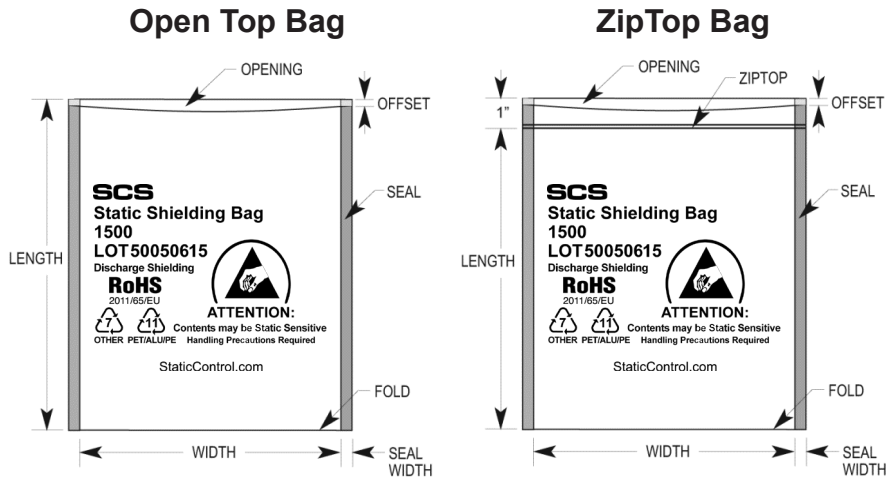




Metal-Out Static Shielding Bag 1500

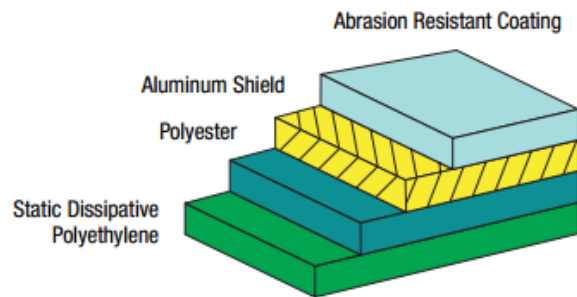
This transparent metal-out static shielding bag is designed to provide static safe packaging for the shipment and/or storage of ESD sensitive items including outside ESD protected areas. Bags are printed with an ESD protective symbol and a lot code for traceability. Open Top and ZipTop styles are available. The bags are heat sealable.

SCS Metal-Out Static Shielding Bags 1500 are manufactured from a top coat, metal, polyester, polyethylene laminate. The proprietary top coating is designed to protect the metal layer. Polyester dielectric, in concert with the metal layer, is intended to provide shielding of Electrostatic Discharge (ESD) and to help minimize the penetration of electric field.



Tolerance: Width -0, +1/4"
Length +/- 1/8" Offset 0 to 1/4"
Seal width 3/8" with a tolerance of +/- 1/8"

Note: Standard bag markings shown above and are not to scale.



Meets ANSI/ESD S20.20 Packaging Standard, ANSI/ESD S541, and Static Control Bag ANSI/ESD S11.4 Level 3

| Physical | Typical Value | Testing Method |
|-------------------------------|--|--|
| Puncture Resistance | 10 lbs, 44 N | MIL-STD-3010 Method 2065 |
| Seal Strength | 14 lbs, 62 N | ASTM D882 |
| Thickness | 3 mils, .0762 mm +/-10% | MIL-STD-3010 Test Method 1003 Method B |
| Marking Adhesion | Pass | IPC-TM-650 2.4.1 |
| Transparency | 40% | Tobias |
| Electrical | Typical Value | Testing Method |
| Discharge Shielding | <10 nJ | ANSI/ESD STM11.31 |
| Surface Resistance - Interior | 1×10^4 to $< 1 \times 10^{11}$ ohms | ANSI/ESD STM11.11 |
| Surface Resistance - Exterior | 1×10^4 to $< 1 \times 10^6$ ohms | ANSI/ESD STM11.11 |
| Charge Retention | <100 volts | 1410.515 Rev 2 |
| Cleanliness | Typical Value | Testing Method |
| Silicone | Not Detected | ASTM-E168 (FTIR) |
| Heat Sealing Conditions | Typical Value | |
| Temperature | 300°F – 375°F, 149°C – 190°C | |
| Time | 0.5 – 3.5 seconds | |
| Pressure | 30 – 70 PSI, 206 – 482 KPa | |

Bag is free of amines, N-octanoic acid, silicones and heavy metals.

This product is intended for commercial use only. This product is not on the Qualified Product Listing under the Defense Standardization Program.

Specifications and procedures subject to change without notice.

RoHS 2, REACH, and Conflict Minerals Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2014/12/17, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE. See [SCS Warranty, Limitation of Liability and Remedies](#)

1500 SERIES METAL-OUT STATIC SHIELDING BAG

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PHONE (919) 718-0000

DRAWING NUMBER
1500 Series

DATE
November 2015

