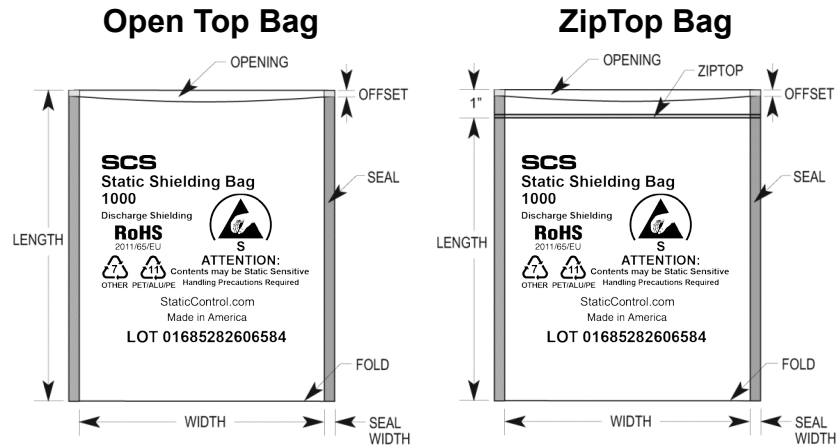


# Static Shielding Bag 1000 Series

This transparent metal-in static shielding bag is designed to provide a static safe environment for sensitive electronic devices. Bags are printed with an ESD protective symbol and a lot code for traceability. Open top (1000) and ZipTop (3000) styles are available. The bags are heat sealable.

SCS Static Shielding Bags 1000 are manufactured from a polyester, metal, polyethylene laminate. The polyester dielectric in concert with the metal layer provides discharge shielding. The exterior being static dissipative allows electrostatic charges to be removed when grounded.



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.



### RoHS 2, REACH, and Conflict Minerals Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2017/01/12, 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](#)

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            |
|-------------------------------|--|---------------------------|
| Tensile Strength              | 4600 PSI, 32 MPa                                   | ASTM D882                 |
| Puncture Resistance           | 12 lbs, 53 N                                       | MIL-STD-3010C Method 2065 |
| Seal Strength                 | 11 lbs, 48 N                                       | ASTM D882                 |
| Thickness                     | 2.8 mils, 0.071 mm +/-10%                          | MIL-STD-3010C Method 1003 |
| Marking Adhesion              | Pass   | IPC-TM-650 2.4.1          |
| Transparency                  | 40%  | Tobias                    |
| Electrical                    | Typical Value                                      | Testing Method            |
| ESD Shielding                 | <10 nJ   | ANSI/ESD STM11.31         |
| Surface Resistance - Interior | 1 x 10 <sup>4</sup> to < 1 x 10 <sup>11</sup> ohms | ANSI/ESD STM11.11         |
| Surface Resistance - Exterior | < 1 x 10 <sup>11</sup> ohms                        | ANSI/ESD STM11.11         |
| Static Decay                  | < 2 seconds  | ETS 406D                  |
| Cleanliness                   | Typical Value                                      | Testing Method            |
| Silicone                      | Not Detected                                       | 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, 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.



Made in the United States of America

Specifications and procedures subject to change without notice.

### 1000 SERIES STATIC SHIELDING BAG

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**DRAWING NUMBER**  
 1000 Series

**DATE**  
 April 2017

