

# Static Shielding Bag 1300 Series

This transparent metal-in static shielding bag is designed to provide a static safe environment for ESD sensitive electronic devices. A stronger polyester layer helps prevent punctures. Bags are printed with an ESD protective symbol and a lot code for traceability. The bags are heat sealable. ZipTop and other custom features are available.

SCS Static Shielding Bags 1300 are manufactured from a polyester, metal, polyethylene laminate. The polyester dielectric in concert with the metal layer provides shielding of Electrostatic Discharge (ESD) and minimizes the penetration of electrostatic and electric fields.

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

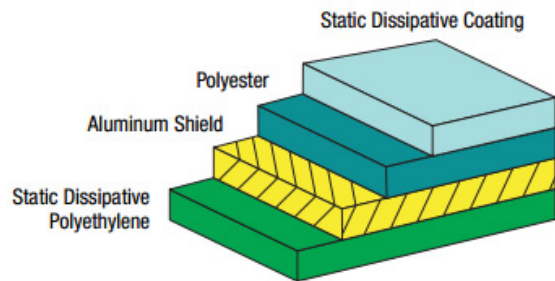
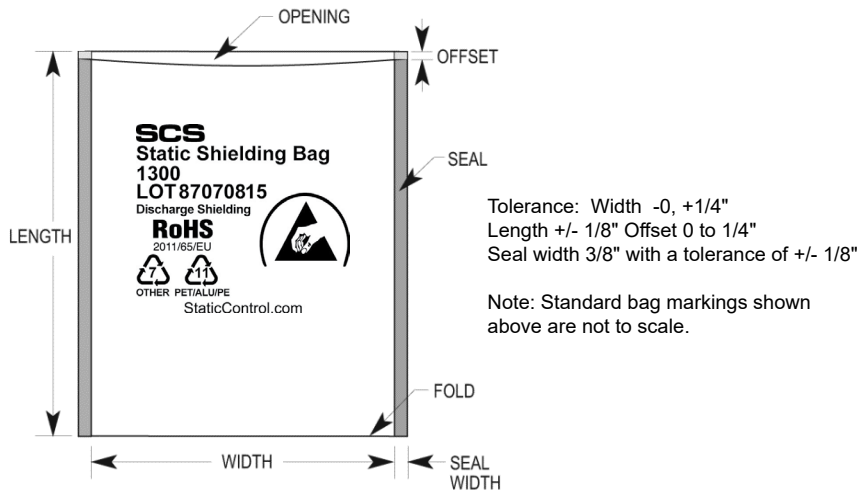


| Physical            | Typical Value              | Testing Method            |
|---------------------|----------------------------|---------------------------|
| Tensile Strength    | 8100 PSI, 55 MPa           | ASTM D882                 |
| Puncture Resistance | 22 lbs, 98 N               | MIL-STD-3010C Method 2065 |
| Seal Strength       | 15 lbs, 66 N               | ASTM D882                 |
| Thickness           | 3.2 mils, 0.0813 mm +/-10% | MIL-STD-3010C Method 1003 |
| Marking Adhesion    | Pass                       | IPC-TM-650 2.4.1          |
| Transparency        | 40%                        | Tobias                    |

| Electrical                    | Typical Value                                | Testing Method    |
|-------------------------------|--|-------------------|
| Discharge Shielding           | <20 nJ                                       | ANSI/ESD STM11.31 |
| Surface Resistance - Interior | $1 \times 10^4$ to $< 1 \times 10^{11}$ ohms | ANSI/ESD STM11.11 |
| Surface Resistance - Exterior | $1 \times 10^4$ to $< 1 \times 10^{11}$ ohms | ANSI/ESD STM11.11 |

| Cleanliness | Typical Value | Testing Method |
|-------------|---------------|----------------|
| Silicone    | Not Detected  | FTIR           |

| Heat Sealing Conditions | Typical Value              |
|-------------------------|----------------------------|
| Temperature             | 375°F, 190°C               |
| Time                    | 0.5 – 3.5 seconds          |
| Pressure                | 30 – 70 PSI, 206 - 482 KPa |



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

None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2015/12/17, 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](#)

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 with Globally Sourced Materials.

Specifications and procedures subject to change without notice.

### 1300 SERIES STATIC SHIELDING BAG

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**DRAWING NUMBER**  
 1300 Series

**DATE**  
 July 2016

