

# Metal-Out Static Shielding Bag 1500

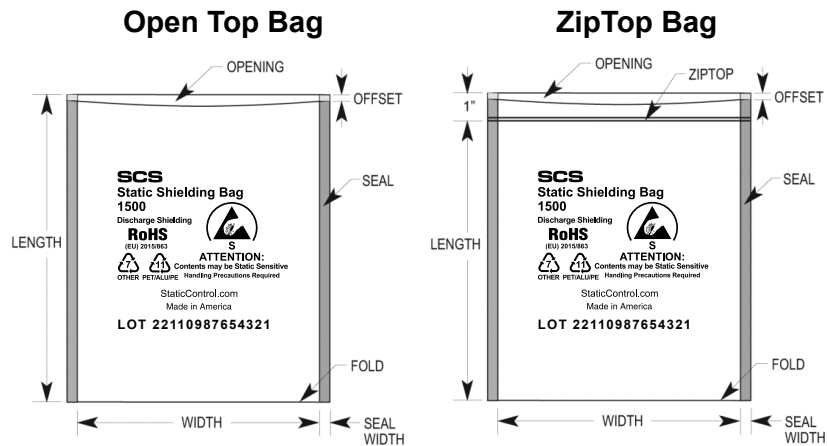


This transparent metal-out static shielding bag is designed to provide static safe packaging for the shipment and/or storage of ESD sensitive items including outside ESD protected areas. Bags are printed with an ESD protective symbol and a lot code for traceability. Open Top and ZipTop styles are available.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

SCS Metal-Out Static Shielding Bags 1500 are manufactured from a top coated metallized polyester and polyethylene laminate. The proprietary top coating is designed to protect the metal layer and quickly discharge any electrical field. Polyester dielectric, in concert with the metal layer, provides shielding for the bag contents from Electrostatic Discharge (ESD) and helps minimize the penetration of an electrical field.

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

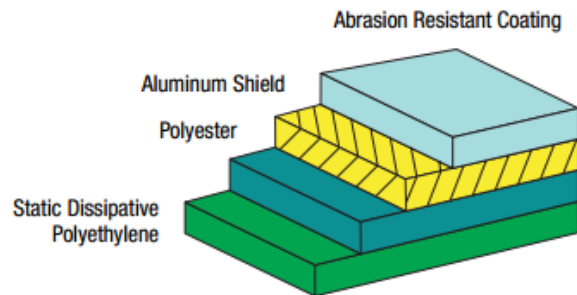
| Physical                      | Typical Value                                | Testing Method                         |
|-------------------------------|--|--|
| Puncture Resistance           | 10 lbs, 44 N                                 | MIL-STD-3010 Method 2065               |
| Seal Strength                 | 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 | $1 \times 10^4$ to $< 1 \times 10^{11}$ ohms | ANSI/ESD STM11.11                      |
| Surface Resistance - Exterior | $1 \times 10^4$ to $< 1 \times 10^6$ ohms    | ANSI/ESD STM11.11                      |
| Charge Retention              | <100 volts                                   | 1410.515                               |
| 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                   |  |



\*\* Bags are printed (hot stamp or thermal) with an ESD protective symbol and a lot code for traceability. \*\*

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.



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

### RoHS, REACH, and Conflict Minerals Statement

See the SCS RoHS, REACH, and Conflict Minerals Statement:  
[http://staticcontrol.com/PDF/Regulatory\\_Statement\\_SCS\\_Bags.pdf](http://staticcontrol.com/PDF/Regulatory_Statement_SCS_Bags.pdf)

### See the SCS Limited Warranty:

[StaticControl.DescoIndustries.com/Limited-Warranty.aspx](http://StaticControl.DescoIndustries.com/Limited-Warranty.aspx)



Made in the United States of America

This product is intended for commercial use only.  
Specifications and procedures subject to change without notice.

| 1500 SERIES METAL-OUT STATIC SHIELDING BAG  |                                      |                               |
|---|--------------------------------------|-------------------------------|
| 926 JR Industrial Drive, Sanford, NC 27332<br>WEB SITE: <a href="http://StaticControl.com">StaticControl.com</a><br>PHONE (919) 718-0000   WEST: (909) 627-9634 | <b>DRAWING NUMBER</b><br>1500 Series | <b>DATE</b><br>September 2021 |

