

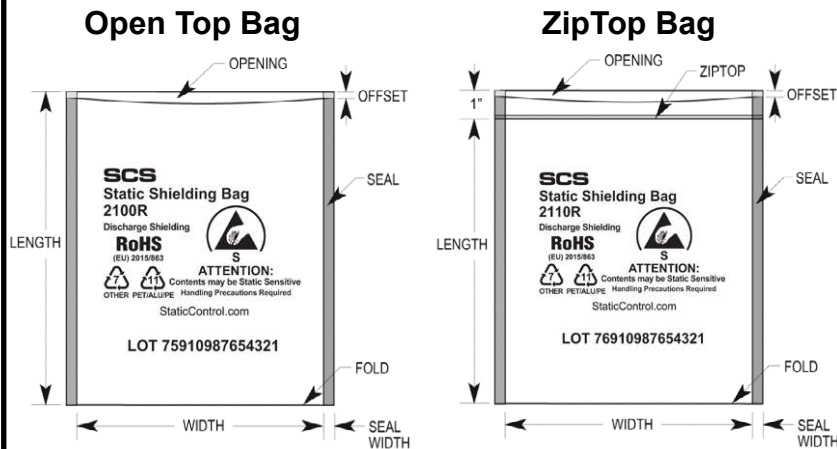
Metal-Out Static Shielding Bag 2100R/2110R



The transparent, puncture resistant 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. The metal layer is positioned near the outer surface to help reduce voltage retention and enhance static decay. Bags are printed with an ESD protective symbol and a lot code for traceability. Open Top (2100R) and ZipTop (2110R) styles are available. The bags are heat sealable.

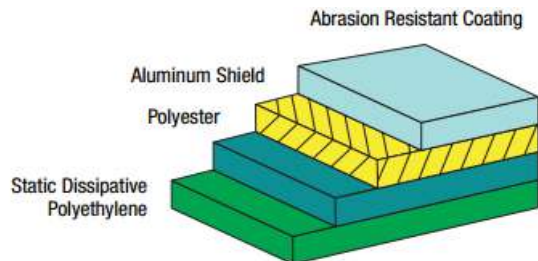
SCS Static Shielding Bags are manufactured from a top coat, metal, polyester, polyethylene laminate. The proprietary top coating is designed to protect the metal layer. Polyester dielectric, in concert with the metal layer, provides shielding of Electrostatic Discharge (ESD) to minimize the penetration of electric fields and discharges.

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



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.



| Physical | Typical Value | Testing Method |
|-------------------------------|---|---------------------------|
| Tensile Strength | 8000 PSI, 55 MPa | ASTM D882 |
| Puncture Resistance | 24 lbs, 106 N | MIL-STD-3010C Method 2065 |
| Seal Strength | 18 lbs, 80 N | ASTM D882 |
| Thickness | 3.2 mils, 0.081 mm ± 10% | MIL-STD-3010C Method 1003 |
| Marking Adhesion | Pass | IPC-TM-650 2.4.1 |
| Transparency | 37% | Tobias |
| Electrical | Typical Value | Testing Method |
| ESD Shielding | <10 nJ | ANSI/ESD STM11.31 |
| Surface Resistance - Interior | 1x10 ⁴ to <1x10 ¹¹ ohms | ANSI/ESD STM11.11 |
| Surface Resistance - Exterior | 1x10 ⁴ to <1x10 ⁶ ohms | ANSI/ESD STM11.11 |
| Charge Retention | <100 volts | SCS Test Method 1410.515 |
| 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 | |

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

RoHS, REACH, and Conflict Minerals Statement

See the DESCO INDUSTRIES INC RoHS, REACH and Conflict Minerals Statement: Descoindustries.com/ROHS3.aspx

See the SCS Limited Warranty: StaticControl.com/Limited-Warranty.aspx



Made in the United States of America

Specifications and procedures subject to change without notice.

2100R/2110R SERIES METAL-OUT STATIC SHIELDING BAG

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DRAWING NUMBER
2100R/2110R

DATE
August 2019

