

Static Shielding Bag 1900 / 1910 Series

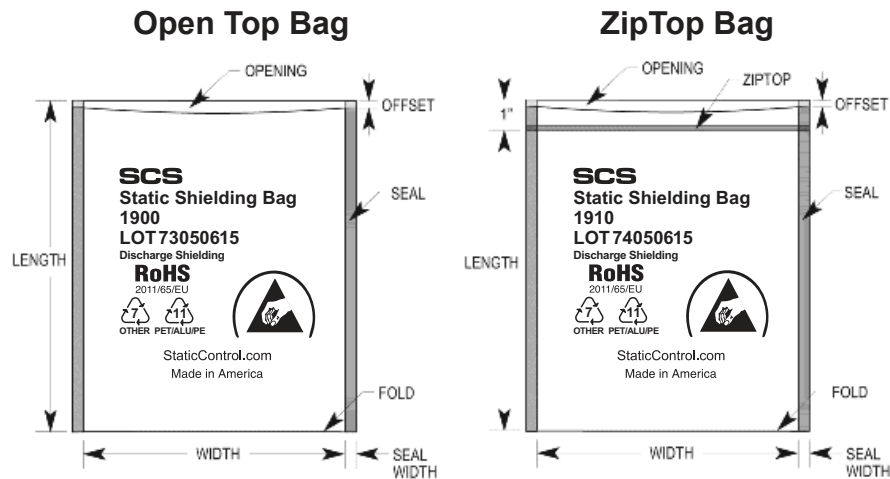
This transparent metal-in static shielding bag is designed to provide static safe packaging for the shipment and/or storage of ESD sensitive items including outside ESD protected areas. Bags are printed with an ESD protective symbol and a lot code for traceability. Open top (1900) and ZipTop (1910) styles are available. The bags are heat sealable.

SCS Metal-In Static Shielding Bags 1900/1910 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.



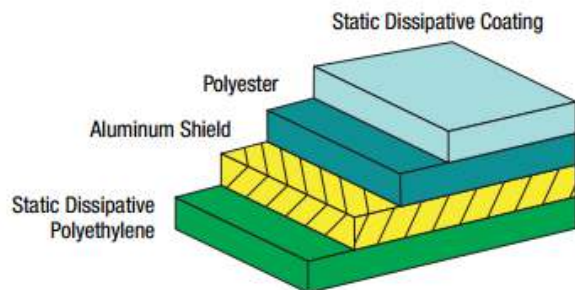
Meets ANSI/ESD S20.20 Packaging Standard, ANSI/ESD S541, and Static Control Bag ANSI/ESD S11.4 Level 3

Physical	Typical Value	Testing Method
Tensile Strength	5100 PSI, 35 MPa	ASTM D882
Puncture Resistance	12 lbs, 53 N	MIL-STD-3010C Method 2065
Seal Strength	9 lbs, 40 N	ASTM D882
Thickness	2.8 mils, .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
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	$<1 \times 10^{11}$ 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	



Tolerance (inches): Width -0, +0.250
Length +/- 0.125 Offset 0 to 0.250
Seal width +/- 0.125

Note: Standard bag markings shown above and are not to scale. Bag markings are centered regardless of bag size.



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](#)

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.

1900 / 1910 SERIES METAL-IN STATIC SHIELDING BAG

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DRAWING NUMBER
1900 Series

DATE
June 2015

