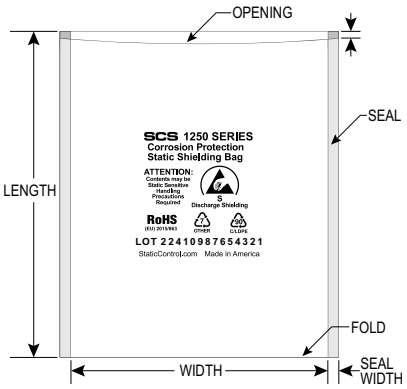
1250 Series Metal-Out Static Shielding Corrosion Protection Bag

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

SCS 1250 Series Metal-Out Static Shielding Bags with Corrosion Protection are manufactured using the same technology as SCS 1500 film and Cortec's Vapor phase Corrosion Inhibitors (VpCI®). The proprietary top coating protects the metal layer and quickly discharges any electrical field, while the VpCI® shields ferrous and non-ferrous metals from corrosion. This VpCI® technology is excellent for use against corrosion or oxidation, in addition to being low charging and dissipative, eliminating the need for an additional antistatic coating. The combined layers offer ESD protection, minimize electrical field penetration, and prevent corrosion. Available in Open Top and ZipTop styles, the bags are heat-sealable and feature an ESD protective symbol and lot code for traceability.

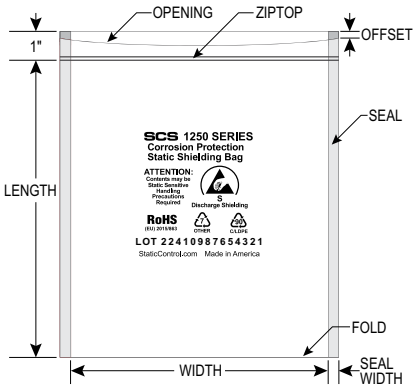
Physical	Typical Value	Testing Method
Puncture Resistance	14 lbs, 62 N	MIL-STD-3010 Method 2065
Seal Strength	12 lbs, 53 N	ASTM D882
Thickness	3 mils, .0762 mm +/-10%	MIL-STD-3010 Test Method 1003 Method B
Marking Adhesion	Pass	IPC-TM-650 2.4.1
Transparency	40%	Tobias
Moisture Vapor Transmission Rate (MVTR)	0.39 grams/100 sq. in/24 hrs	ASTM F1249
Electrical	**Typical Value**	**Testing Method**
Discharge Shielding	<10 nJ	ANSI/ESD STM11.31
Surface Resistance - Interior	1 x 10^4 to < 1 x 10^{11} ohms	ANSI/ESD STM11.11
Surface Resistance - Exterior	1 x 10^4 to < 1 x 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	300ºF – 375°F, 149ºC – 190°C	
Time	0.5 – 3.5 seconds	
Pressure	30 – 70 PSI, 206 – 482 KPa	

Open Top Bag



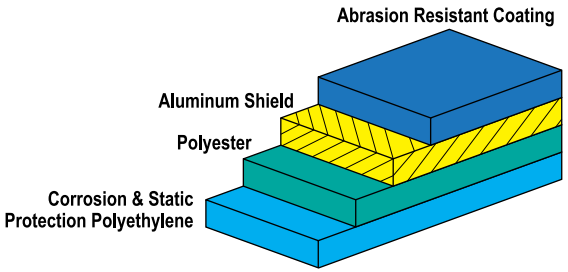
*** Bags are printed (hot stamp or thermal) with an ESD protective symbol and a lot code for traceability. ****

ZipTop Bag



Note: Standard bag markings shown above and are not to scale.

Tolerance: Width -0, +1/4"
Length +/- 1/8" Offset 0 to 1/4"
Seal width 3/8" with a tolerance of +/- 1/8"



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

This product is intended for commercial use only.

RoHS, REACH, and Conflict Minerals Statement
See the SCS RoHS, REACH, and Conflict Minerals Statement:
http://staticcontrol.com/PDF/Regulatory_Statement_SCS_Bags.pdf

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

Made in the United States of America

Specifications and procedures subject to change without notice.

1250 SERIES METAL-OUT WITH CORROSION RESISTANCE STATIC SHIELDING BAG

SCS

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DRAWING NUMBER
1250 Series

DATE
December 2024

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