

SB-1500 and SB 1500Z

STATIC SHIELDING BAG, OPEN TOP AND ZIPTOP

SB-1500 metal-out static shielding bags are approved by major computer, electronics, and disk drive manufacturers for use worldwide. Our transparent, metallized static shield bag structure provides a static safe environment for sensitive electronic devices. Provides low charge retention and rapid static decay. Bags are lot coded for QC traceability.

Standards

Meets the requirements of EIA 541, EIA 625, MIL-HDBK-263, MIL-STD-1686, EOS/ESD Standards, and charge retention standards.

Electrical Properties

	Typical Values
Surface Resistivity/Resistance	ASTM D257 or ANSI/ESD STM11.11
Interior	$>10^5 <10^{12}$ ohms/square or $>10^4 <10^{11}$ ohms
Exterior	$<10^5$ ohms/square or $<10^4$ ohms/square
Metal	100 ohms
Static Shielding	< 30 volts(EIA 541)
Static Shielding	< 10 nJ (EOS/ESD S11.31)
Static Decay	<0.05 seconds (MIL-PRF-81705, FTMS 101 MTH 4046)
Charge Retention	< 100 volts

Physical Properties

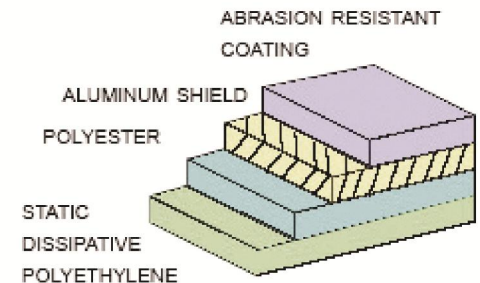
Tensile Strength	>20 lbs (ASTM D 882)
Seam Strength	Pass
Light Transmission	40% (Tobias)
Heat Sealing Conditions	$250^{\circ}\text{F} - 375^{\circ}\text{F}$
Temperature	
Time	0.5 - 3.5 seconds
Pressure	30 - 70 PSI
Thickness	3.1 mils (SCC 008)
Outgassing Pass	(ASTM E595)
Non-corrosive Pass	(FTMS 101 MTH 3005)



Material Structure

SB-1500 and SB-1500Z open top and ZipTop static shielding bags are manufactured from industry approved Polyester /Metal/Polyethylene laminates. The polyester dielectric in concert with the metal layer provide Faraday Effect shielding of an Electrostatic Discharge (ESD). The metal layer prevents the penetration of damaging electrostatic fields.

Tribocharging is minimized by the specially processed polyethylene.

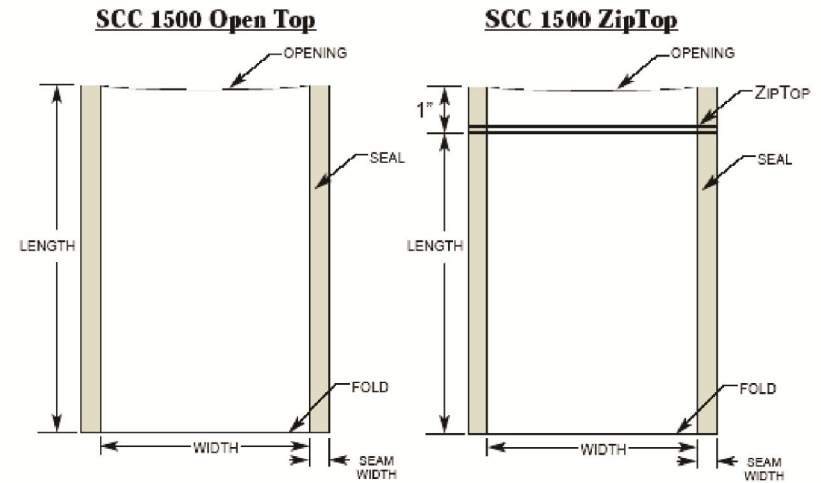


SB-1500 and SB 1500Z

STATIC SHIELDING BAG, OPEN TOP AND ZIPTOP

SB-1500 Static Shield Bag, Metal Out, Open Top

W"x L"	P/N	W"x L"	P/N	W"x L"	P/N
3 x 5	SB-1500 3x5	8 x 10	SB-1500 8 x 10	12 x 16	SB-1500 12 x 16
4 x 6	SB-1500 4x6	8 x 12	SB-1500 8 x 12	12 x 18	SB-1500 12 x 18
5 x 8	SB-1500 5x8	9 x 12	SB-1500 9 x 12	14 x 18	SB-1500 14 x 18
6 x 8	SB-1500 6x8	10 x 12	SB-1500 10 x 12	15 x 18	SB-1500 15 x 18
6 x 10	SB-1500 6x10	10 x 14	SB-1500 10 x 14	16 x 24	SB-1500 16 x 24
6 x 30	SB-1500 6x30	10 x 24	SB-1500 10 x 24	18 x 18	SB-1500 18 x 18
7 x 15	SB-1500 7x15	11 x 15	SB-1500 11 x 15	18 x 24	SB-1500 18 x 24



SB-1500Z Static Shield Bag, Metal Out, Zip Top

W"x L"	P/N	W"x L"	P/N	W"x L"	P/N
3 x 5	SB-1500Z 3 x 5	5 x 8	SB-1500 Z 5 x 8	8 x 10	SB-1500Z 8 x 10
4 x 4	SB-1500Z 4 x 4	6 x 8	SB-1500 Z 6 x 8	10 x 12	SB-1500Z 10 x 12
4 x 6	SB-1500Z 4x6	6 x 10	SB-1500 Z 6 x 10	12 x 18	SB-1500Z 12 x 18

- All standards sizes in-stock/same day shipment.
 - Width is measured from inside seam to inside seam.
 - Length is measured from the top edge to the bottom fold.
 - Opening is in the "width" dimension.
 - Custom bag sizes, custom printing, and custom hot stamping are available.
 - Most sizes are packed 100 per case.
- Small sizes are packed 1000 or 500 per case. †



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