

3M™ Static Shielding Bag SCC 1500

Sizes on Page 2

Static Shielding Bag ~ Metal-Out

3M Metal-out Static Shielding Bags SCC 1500 are approved by major computer, electronics, and disk drive manufacturers for use worldwide. Our transparent, metalized 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 MIL-PRF-81705 Type III, EIA 541, EIA 625, MIL-HDBK-263, MIL-STD-1686, EOS/ESD Standards, and charge retention standards.

Specifications

Electrical Properties:

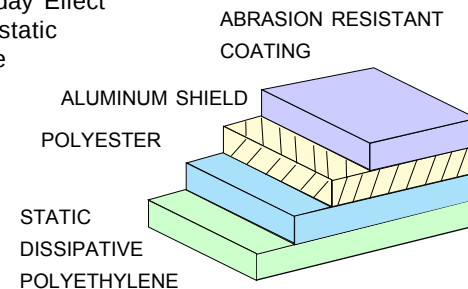
	Typical Values	
Surface Resistivity / Resistance	ASTM D257	or ANSI/ESD STM11.11
Interior	$>10^5 < 10^{12}$ ohms/square	or $>10^4 < 10^{11}$ ohms
Exterior	$< 10^5$ ohms/square	or $< 10^4$ ohms
Metal	100 ohms	
Static Shielding	< 30 volts	MIL-PRF-81705, EIA 541
Static Shielding	< 10 nJ	EOS/ESD S11.31
Static 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	MIL-PRF-81705
Light Transmission	40 %	Tobias
Heat Sealing Conditions		
Temperature	250 F - 375 F	
Time	0.5 - 3.5 seconds	
Pressure	30 - 70 PSI	
Thickness	3.1 mils	3M 008
Outgassing	Pass	ASTM E595
Non-corrosive	Pass	FTMS 101 MTH 3005

Material Structure

3M Static Shielding Bags SCC 1500 flat and ZipTop are manufactured using a proprietary top coating. The top coating and metal layer provide low charge retention and Faraday Effect shielding of an Electrostatic Discharge (ESD) with the associated electrostatic fields. Polyester dielectric stops the current from ESD. Tribocharging is minimized by the specially processed polyethylene.



See 3M Data Sheets for these related items:

3M™ Static Warning Labels

3M™ Heat Sealer

P R O D U C T D A T A S H E E T

SCC 1500 Static Shielding Bag METAL-OUT

PRODUCT

STATIC SHIELDING BAG, OPEN TOP AND ZIPTOP

ITEM NUMBER

150(W")(L")

DATASHEET

1101-B

3M Electronic Solutions Division
6801 River Place Blvd.
Austin, TX 78726-9000
US and Canada: 866-722-3736
Fax: 866-722-3735
Intl: 919-718-0000; Fax: 919-774-8174
email: 3Mstaticinfo@mmm.com; www.3M.com/static

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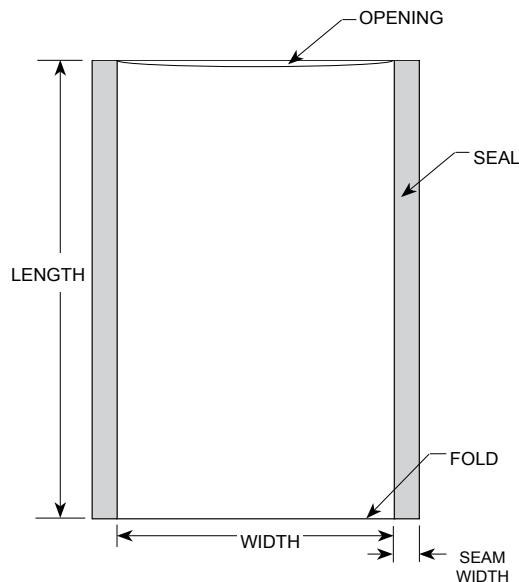
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3M™ Static Shielding Bag SCC 1500

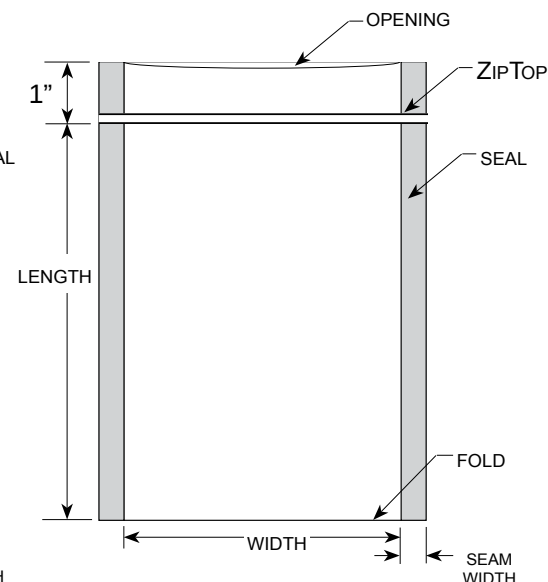
Open Top Static Shielding Bag ~ Metal-Out

W"x L" P/N	W"x L" P/N	W"x L" P/N
3 x 5 15035	8 x 10 150810	12 x 16 1501216
4 x 6 15046	8 x 12 150812	12 x 18 1501218
5 x 8 15058	9 x 12 150912	14 x 18 1501418
6 x 8 15068	10 x 12 1501012	15 x 18 1501518
6 x 10 150610	10 x 14 1501014	16 x 24 1501624
6 x 30 150630	10 x 24 1501024	18 x 18 1501818
7 x 15 150715	11 x 15 1501115	18 x 24 1501824

3M Open Top Bag SCC 1500



3M ZipTop Bag SCC 1500



3M ZipTop Bag SCC 1500

Recloseable Static Shielding Bag ~ Metal-Out

W"x L" P/N	W" x L" P/N	W" x L" P/N
3 x 5 150Z35	5 x 8 150Z58	8 x 10 150Z810
4 x 4 150Z44	6 x 8 150Z68	10 x 12 150Z1012
4 x 6 150Z46	6 x 10 150Z610	12 x 18 150Z1218

- All standard 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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