

# 3M™ Metal-out Static Shielding Bag SCC 1500

## Static Shielding Bag - Metal-out

3M SCC 1500 metal-out static shielding bags are approved by major electronics manufacturers for use worldwide. Our transparent, metallized static shield bag structure is designed to provide a static safe environment for sensitive electronic devices. This bag also provides low charge retention and rapid static decay. Bags are lot coded for QC traceability. These bags are tested to meet or exceed certain electrical and physical requirements of ANSI/ESD S541, EIA 625, and to be ANSI/ESD S20.20 program compliant.

### Specifications

#### Physical Properties:

Physical Properties:	Typical Values	Test Method*
Thickness	3 mils**	MIL-STD-3010 1003
Tensile Strength	7700 PSI	ASTM D882
Seam Strength	>10 lbs	ASTM D882
Heat Sealing Conditions:		
Temperature	300°F - 400°F	
Time	0.6 - 4.5 seconds	
Pressure	30 - 70 PSI	

#### Electrical Properties:

Surface Resistivity / Resistance	ASTM D257	or ANSI/ESD STM11.11
Interior	<10 <sup>12</sup> ohms/square	or <10 <sup>11</sup> ohms
Exterior	<10 <sup>12</sup> ohms/square	or <10 <sup>11</sup> ohms
Metal	100 ohms	
Charge Retention	<100 volts	CPM
Static Shielding	< 30 volts	EIA 541
Static Shielding	< 10 nJ	ANSI/ESD STM11.31
Static Decay	< 2 seconds	MIL-STD-3010 4046
Silicone or Amine Content	Not detected	FTIR

\*\* tolerance +/-15%

See 3M Data Sheets for these related items:

- Humidity Indicator Cards (HIC's)
- Desiccant
- Vacuum Sealers

Open Top

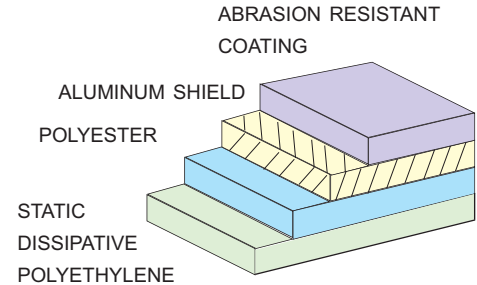


ZipTop Reclosable



#### Material Structure

3M SCC 1500 flat and ZipTop static shielding bags 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.



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\*This product is not on the Qualified Product Listing under the Defense Standardization Program.

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

### SCC 1500 Metal-out Static Shielding Bag

**PRODUCT**  
STATIC SHIELDING BAG, OPEN TOP AND ZIPTOP

**ITEM NUMBER**  
150(W")(L")

**DATASHEET**  
1101-B  
98-0799-1066-1

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

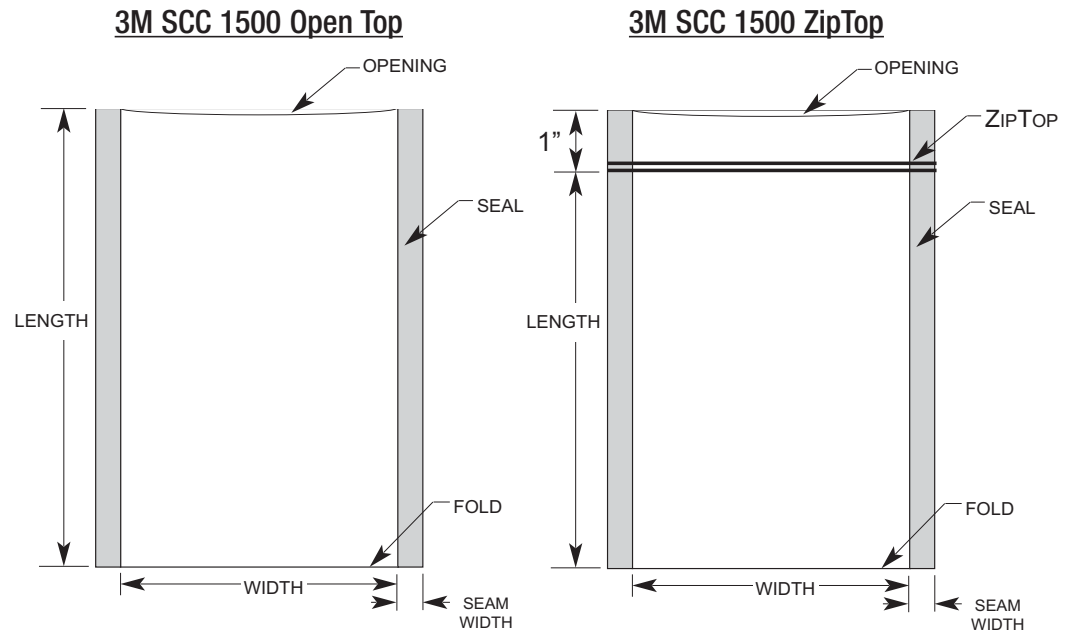
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## Static Shielding Bag - open top

W"x L"	P/N	W"x L"	P/N	W"x L"	P/N
3 x 5	15035			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™ Metal-out Static Shielding Bag SCC 1500

## Static Shielding Bag - ZipTop Reclosable

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.

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

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**DATASHEET**  
1101-B  
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6801 River Place Blvd  
Austin, TX 78726-9000  
US and Canada: 866-722-3736  
Fax: 866-722-3735  
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email: 3Mstaticinfo@mmm.com; www.3Mstatic.com

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- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)  
Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)