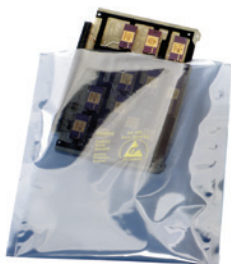


## 3M™ Static Shielding Bag 1000

This transparent metal-in static shielding bag is designed to provide a static safe environment for sensitive electronic devices. Bags are printed with an ESD warning symbol and a lot code for traceability. Open top and ZipTop styles are available. The bags are heat sealable.

3M Static Shielding Bags 1000 are manufactured from a polyester, metal, polyethylene laminate. The polyester dielectric in concert with the metal layer is intended to provide shielding of Electrostatic Discharge (ESD) and to help minimize the penetration of electric field.

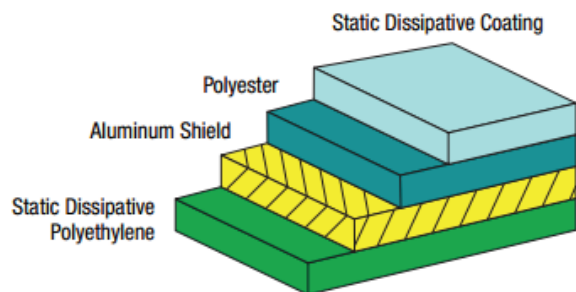
These bags are tested to meet or exceed certain electrical and physical requirements of Static Shielding Bags, ANSI/ESD S541, and to be ANSI/ESD S20.20 program compliant. Bags are RoHS Compliant\* and lead-free\*\*.



3M™ Static Shielding Bag 1000, Open Top



3M™ Static Shielding Bag 1000, ZipTop



| Physical            | Typical Value            | Testing Method            |
|---------------------|--------------------------|---------------------------|
| Tensile Strength    | 4600 PSI, 32 MPa         | ASTM D882                 |
| Puncture Resistance | 12 lbs, 53 N             | MIL-STD-3010C Method 2065 |
| Seal Strength       | 11 lbs, 48 N             | ASTM D882                 |
| Thickness           | 2.8 mils, .071 mm +/-15% | MIL-STD-3010C Method 1003 |
| Marking Adhesion    | Pass                     | IPC-TM-650 2.4.1          |
| Transparency        | 40%                      | Tobias                    |

| Electrical                    | Typical Value            | Testing Method    |
|-------------------------------|--------------------------|-------------------|
| ESD Shielding                 | <10 nJ                   | ANSI/ESD STM11.31 |
| Surface Resistance - Interior | <1x10 <sup>11</sup> ohms | ANSI/ESD STM11.11 |
| Surface Resistance - Exterior | <1x10 <sup>11</sup> ohms | ANSI/ESD STM11.11 |
| Static Decay                  | < 2 seconds              | ETS 406D          |

| Cleanliness | Typical Value | Testing Method |
|-------------|---------------|----------------|
| Silicone    | Not Detected  | FTIR           |

| Heat Sealing Conditions | Typical Value                |
|-------------------------|------------------------------|
| Temperature             | 300°F – 375°F, 149°C – 190°C |
| Time                    | 0.5 – 3.5 seconds            |
| Pressure                | 30 – 70 PSI, 206 – 482 KPa   |

This product is intended for commercial use only. This product is not on the Qualified Product Listing under the Defense Standardization Program.

## 3M™ Static Shielding Bag 1000

| Dimensions<br>(W x L in.) | Part No. | Dimensions<br>(W x L in.) | Part No. | Dimensions<br>(W x L in.) | Part No. |
|---------------------------|----------|---------------------------|----------|---------------------------|----------|
| 2 x 3                     | 10023    | 6 x 30                    | 100630   | 12 x 12                   | 1001212  |
| 2 x 4                     | 10024    | 6.5 x 10                  | 1006.51  | 12 x 14                   | 1001214  |
| 2 x 6                     | 10026    | 6.5 x 16                  | 1006.516 | 12 x 16                   | 1001216  |
| 3 x 3                     | 10033    | 7 x 10                    | 100710   | 12 x 18                   | 1001218  |
| 3 x 5                     | 10035    | 7 x 11                    | 100711   | 12 x 24                   | 1001224  |
| 4 x 4                     | 10044    | 7 x 15                    | 100715   | 12 x 25                   | 1001225  |
| 4 x 6                     | 10046    | 7 x 16                    | 100716   | 12 x 30                   | 1001230  |
| 4 x 8                     | 10048    | 8 x 8                     | 10088    | 14 x 18                   | 1001418  |
| 4 x 24                    | 100424   | 8 x 10                    | 100810   | 14 x 20                   | 1001420  |
| 4 x 26                    | 100426   | 8 x 12                    | 100812   | 14 x 30                   | 1001430  |
| 4 x 30                    | 100430   | 8 x 18                    | 100818   | 15 x 18                   | 1001518  |
| 5 x 6                     | 10056    | 8 x 24                    | 100824   | 16 x 18                   | 1001618  |
| 5 x 7                     | 10057    | 8 x 30                    | 100830   | 16 x 20                   | 1001620  |
| 5 x 8                     | 10058    | 9 x 12                    | 100912   | 16 x 24                   | 1001624  |
| 5 x 10                    | 100510   | 10 x 12                   | 1001012  | 18 x 18                   | 1001818  |
| 6 x 8                     | 10068    | 10 x 14                   | 1001014  | 18 x 20                   | 1001820  |
| 6 x 9                     | 10069    | 10 x 16                   | 1001016  | 18 x 24                   | 1001824  |
| 6 x 10                    | 100610   | 10 x 18                   | 1001018  | 18 x 30                   | 1001830  |
| 6 x 12                    | 100612   | 10 x 24                   | 1001024  | 20 x 20                   | 1002020  |
| 6 x 14                    | 100614   | 10 x 26                   | 1001026  | 20 x 24                   | 1002024  |
| 6 x 16                    | 100616   | 10 x 30                   | 1001030  | 22 x 24                   | 1002224  |
| 6 x 18                    | 100618   | 11 x 14                   | 1001114  | 24 x 24                   | 1002424  |
| 6 x 24                    | 100624   | 11 x 15                   | 1001115  | 24 x 30                   | 1002430  |
| 6 x 26                    | 100626   |                           |          | 30 x 24                   | 1003024  |

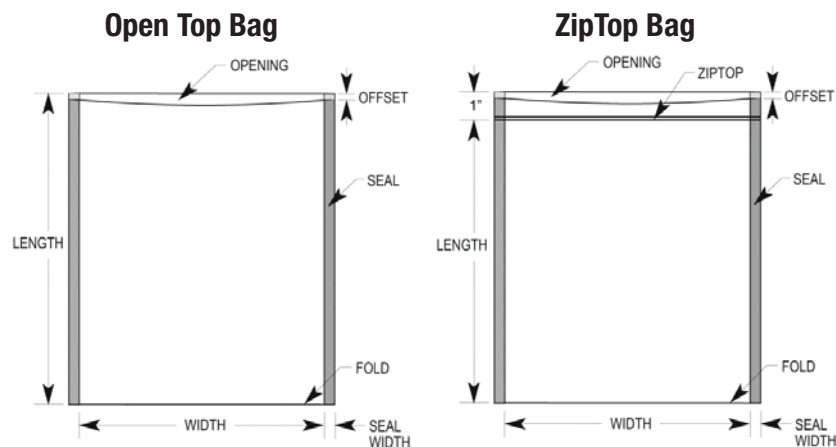
Custom Sizes and Printing Available.

| Dimensions<br>(W x L in.) | Part No. | Dimensions<br>(W x L in.) | Part No. | Dimensions<br>(W x L in.) | Part No. |
|---------------------------|----------|---------------------------|----------|---------------------------|----------|
| 2 x 3                     | 30023    | 6 x 10                    | 300610   | 10 x 30                   | 3001030  |
| 3 x 3                     | 30033    | 6 x 24                    | 300624   | 11 x 15                   | 3001115  |
| 3 x 4                     | 30034    | 6 x 30                    | 300630   | 12 x 12                   | 3001212  |
| 3 x 5                     | 30035    | 7 x 15                    | 300715   | 12 x 16                   | 3001216  |
| 4 x 4                     | 30044    | 8 x 8                     | 30088    | 12 x 18                   | 3001218  |
| 4 x 6                     | 30046    | 8 x 10                    | 300810   | 14 x 18                   | 3001418  |
| 4 x 8                     | 30048    | 8 x 12                    | 300812   | 15 x 18                   | 3001518  |
| 4 x 24                    | 300424   | 9 x 12                    | 300912   | 16 x 24                   | 3001624  |
| 4 x 30                    | 300430   | 10 x 10                   | 3001010  | 18 x 18                   | 3001818  |
| 5 x 8                     | 30058    | 10 x 12                   | 3001012  | 18 x 24                   | 3001824  |
| 5 x 10                    | 300510   | 10 x 14                   | 3001014  | 20 x 24                   | 3002024  |
| 6 x 8                     | 30068    | 10 x 24                   | 3001024  | 24 x 24                   | 3002424  |

Custom Sizes and Printing Available.

- Standard sizes stocked for prompt shipment (usually same day).
- 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 500 or 1,000 per case.

## 3M™ Static Shielding Bag 1000



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

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\* **RoHS 2011/65/EU Compliant** means that the product or part does not contain any of the substances in excess of the maximum concentration values ("MCVs") in EU RoHS Directive 2011/65/EU. The MCVs are by weight in homogeneous materials. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

In the event any product is proven not to conform with 3M's Regulatory Information, then 3M's entire liability and Buyer's exclusive remedy will be in accordance with the Warranty section.

\*\*Lead-free means that the product has less than 2 ppm of lead when tested by ICP-AES, with reference to EPA method 3051A/3052.



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