



# Staticide® Metal-In Shielding Bags

## Faraday Protection Packaging

ACL'S Shielding Bags safeguard sensitive components from electrostatic discharge. The static dissipative metalized bag is designed to act as a Faraday cage to shield static-sensitive electronic devices. The three-layer bag, comprised of static dissipative polyethylene (inner), aluminum (middle), and static dissipative polyester (outer), provides heavy-duty protection from damaging electrostatic discharge. While the low-charging inner and outer layers prevent tribocharging, when combined with the metal inner layer, a protective shield is created. ESD-sensitive materials can be stored or shipped in a static-safe environment.

Staticide® Shielding Bags are available in two styles — open-top and resealable zipper — and multiple sizes. Open-top bags are effective for quick loading and emptying, while bags with resealable zippers are reusable and provide a more complete Faraday protection. Both models feature superior metal-in protection from electrostatic discharge.

### Ideal for the following applications:

- Electronics manufacturing and assembly
- Aerospace and automotive
- Transportation and packaging

### FEATURES:

- ✧ 2.8 mil thickness  $\pm 10\%$  (according to ASTM D374)
- ✧ Surface resistance (outside and inside)  $< 10e11$  ohms (ANSI/ESD STM 11.11)
- ✧ Static shielding  $< 15nJ$  (ANSI/ESD-STM 11.31)
- ✧ Meets ANSI/ESD S541
- ✧ Metalized within layers
- ✧ ESD awareness logo on every bag
- ✧ Date-coded for traceability
- ✧ RoHS compliant

### Open Metal-In Shielding Bags

<b>Product# MI35:</b>	3" X 5" bags 100 bags per pack, 5 packs per case
<b>Product# MI46:</b>	4" X 6" bags 100 bags per pack, 5 packs per case
<b>Product# MI58:</b>	5" X 8" bags 100 bags per pack, 5 packs per case
<b>Product# MI68:</b>	6" X 8" bags 100 bags per pack, 5 packs per case
<b>Product# MI610:</b>	6" X 10" bags 100 bags per pack, 5 packs per case
<b>Product# MI810:</b>	8" X 10" bags 100 bags per pack, 5 packs per case
<b>Product# MI812:</b>	8" X 12" bags, 100 bags per pack, 5 packs per case
<b>Product# MI1012:</b>	10" X 12" bags, 100 bags per pack, 5 packs per case
<b>Product# MI1216:</b>	12" X 16" bags, 100 bags per pack, 5 packs per case
<b>Product# MI1218:</b>	12" X 18" bags 25 bags per pack, 5 packs per case
<b>Product# MI1824:</b>	18" X 24" bags 25 bags per pack, 5 packs per case



### Resealable Metal-In Shielding Bags

<b>Product# MIZ35:</b>	3" X 5" bags 100 bags per pack, 5 packs per case
<b>Product# MIZ46:</b>	4" X 6" bag, 100 bags per pack, 5 packs per case
<b>Product# MIZ58:</b>	5" X 8" bags 100 bags per pack, 5 packs per case
<b>Product# MIZ68:</b>	6" X 8" bags 100 bags per pack, 5 packs per case
<b>Product# MIZ1012:</b>	10" X 12" bags 100 bags per pack, 5 packs per case