

# How to Specify a Bag



To specify a bag, you need to choose:

- **Bag Type**
- **Bag Size**
- **Markings**
- **Bag Features**

Call Ground Zero Customer Care Representative for Assistance with Specifying a Bag, or for Stock Levels and Lead Times

## Bag Type

Bag types are based on the intended function of the bag and the material the bag is made from. Choose the bag for your application:

Bag	Name
Static Shielding Bag, Metal-in	SB 1000
Static Shielding Bag, Metal-in ZipTop	SB 1000 ZipTop
Static Shielding Bag, Metal-out	SB 1500
Static Shielding Bag, Metal-out ZipTop	SB 1500 ZipTop
Moisture Barrier Bag, Aluminized, 3.6 mil	SB 2000
Moisture Barrier Bag, Aluminized, 3.6 mil, Metal-out	SB 2500
Moisture Barrier Bag, Aluminized, 7.0 mil	SB 2700
Moisture Barrier Bag, Foil, 6 mil	SB 3000
Moisture Barrier Bag, Foil, 4 mil	SB 3400

## Bag Size

### Determining Size:

- Calculate the approximate size using the instructions below.
- Select the nearest standard sized bag from the lists on the data sheets.
- Request a sample of the bag.
- Test the fit the item in the bag.

### Shielding Bag Size Approximation:

Bag Width = Item Height + Item Width + 1 inch  
 Bag Length = Item Height + Item Length + 1.5 inches

### Barrier Bag Size Approximation:

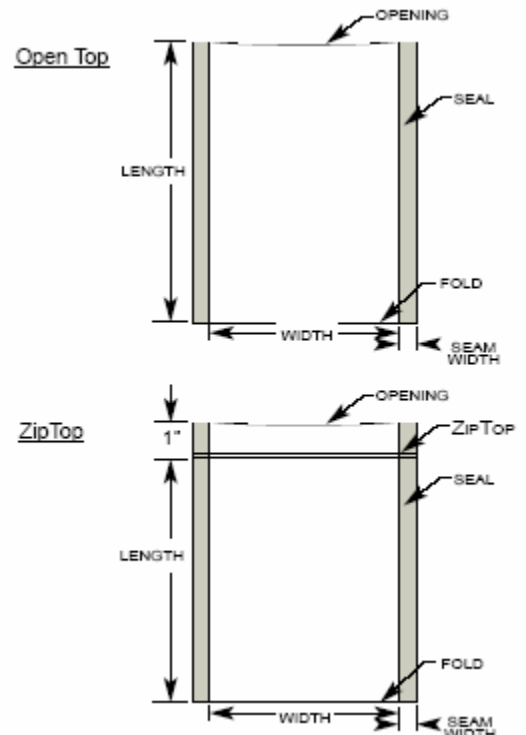
Bag Width = Item Height + Item Width + 1 inch  
 Bag Length = Item Height + Item Length + 2.5 inches  
 The length of barrier bags may be extended further to allow for multiple Vacuum sealing cycles.

### Measuring a Bag

**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.



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## **Bag Marking**

Ground Zero uses hot stamping to mark stock bags with the appropriate industry standard ESD or Moisture warning and a lot number for traceability. Custom hot stamping and bag printing are also available. Ground Zero can also pre-apply labels to bags.

### **Hot Stamping**

A packaging industry method for marking bags by thermo-mechanical transfer of pigment to the bag.



### **Printing**

A method of printing ink to bags using a press plate. Produces higher quality marking that hot stamping.



### **Labeling**

Pre-applies a label to the bag. Saves you labor time and provides consistent label location.



## **Bag Features**

Ground Zero can provide bags with these features to simplify your packing process.

### **ZipTop**

A recloseable bag simplifies access to parts.



### **Tear Notch**

If you heat seal the bag closed, a tear notch makes it easy for your customer to open it.



### **Extended Lip**

An over sized lip at the opening improves part insertion, and is easy to close with a label.



### **Compartment Bag**

A bag with 2 or more separate compartments allows paperwork to travel safely with parts. Or allows multiple parts and part kits to be shipped together.

### **Bottom Sealed Bags**

A heat seal across the bag fold is helpful with locating the bag in some automated packaging equipment.

