

# Flat-Bottom Bags

We meet industry standards ASTM D3078-94 for flexible packaging. Please contact your Inside Sales & Service Representative for further clarification.

## 1 Tin Tie & Zipper Placement

### TOLERANCE OF +/- 1/8" (IN ALL DIRECTIONS)

Zipper tab impression will be visible from tear away tab on both sides of the bag. Zippers and Tin Ties can not be used on the same bag.

## 2 Heat Seal & Zipper Smash Point Areas

Minor burning, cracking, discoloration and delamination may occur at this intersection of the zipper seal and side seal as well as heat seal areas due to a higher level of heat and pressure required to fully seal the bag.

*\*Note if templates for paper-based materials are not followed, and ink is placed in ink free zones it may result in discoloration, burning and tearing of material.*

## 3 Valve Placement

### TOLERANCE OF +/- 1/8" (IN ALL DIRECTIONS)

Valve placement must be noted within the design. Valve may be visible on bag.

## 4 a.) Bottom Seal b.) Corner Radius c.) Side Seal Alignment

### TOLERANCE OF +/- 1/8"

Uniformity of seals top to bottom and side to side on the bag. Alignment of panels and overall width of seals.

## 5 Artwork Alignment

### TOLERANCE OF +/- 1/16"

Ensure all artwork (logos, text) is centered according to approved PDF.

## 6 Overall Cut Tolerance (All Edges)

### TOLERANCE OF +/- 1/16"

May show void or bleed from previous print.

## 7 Color Tolerance

### TOLERANCE OF 3 DELTA E

We use color matching software to help verify the press is calibrated for the correct color. In order to measure color accurately, we need at least .25" worth of solid area to target. We cannot measure color on patterns, gradients or metallic elements.



## 8 Storage & Fill Conditions

### 40-80°F AT 30-60% RELATIVE HUMIDITY

Storage conditions and filling temperatures outside of these ranges may affect material.

## 9 Quantity Tolerance

| ORDER QTY | Standard Sizes        |
|-----------|-----------------------|
| 1,000+    | +/- 10%<br>PER DESIGN |