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## **Five Solvable Baffle Bag Problems**

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## Introduction

Baffle bags, also known as cube bags and Q bags, are commonly used to package products that have stability issues. While the baffles definitely improve the bag's performance, they come with a hefty cost and their own set of issues.

- Top of bag fills unevenly
- Sifting
- Increase chance of contamination
- Cannot use low cost liner
- Expensive

The good news is that all of these issues are solvable using the MegaBase.

## Why Baffle Bags Work

They improve stability because the internal baffles help the bag hold its shape, rather than rounding out. Because the shape is held so effectively the bag cannot round out past the base like a standard bag does. This creates a footprint that nearly matches the size of the bag's belly which limits the amount of unsupported product, reducing the chances of a bag leaning.

A similar increase in the footprint is created using the MegaBase because it mirrors the shape of the center of the bag at the base of the bag. This almost completely eliminates bag overhang.

## Baffle Bags Fill Unevenly at the Top

The same thing that makes baffle bags more stable can also hinder their filling performance. Baffles help hold the sides of the bag in but they also prevent the corners from filling well. Since the product forms a round cone as it flows into the bag, the square shape of the baffle bag also hinders filling. The product level is naturally higher in the center of the sides than in the corners. An unevenly filled top gives you an uneven base to stack other bags on.

## **Sifting**

A typical baffle bag has eight sew lines to hold the baffles and four sew lines for side seams. Each of these seams increases the chances of sifting. In many cases the cost of the bag increases to add sift-proofing. By eliminating up to twelve sew lines; the **MegaBase** limits opportunity for sifting. Fewer seams on the bag means fewer seams to protect.

## **Increased Risk of Contamination**

Not only do the extra seams increase the potential for sifting, they also increase the chances of contamination. Unlike other bag styles, for the sewing of the baffles, the sewing machine head is actually inside the bag. This means that the threads are cut while they are inside the bag.

Since the **MegaBase** eliminates the need for baffles, it greatly reduces this potential contaminant.

## **Cannot Use Low Cost Liners**

The baffles that are sewn across the corners prevent the use of standard liners. For food companies in particular this can be an issue. Some companies use baffled liners, but they are very expensive. Since the **MegaBase** has no internal baffles, there is nothing to prevent the use of standard, low cost liners.

## **Baffle Bags Are Expensive**

Baffle bags are expensive. There is no way around it; baffle bags require extra materials and labor. Even from foreign suppliers the cost can be substantial. Since the **MegaBase** does not have internal baffles, it does not have the added cost.

## **Solution**

The **MegaBase** solves both the problems that drove you to baffles and the problems caused by baffles. The large **MegaBase** footprint stabilizes difficult products, while still fitting into the same trucks and containers. Since the **MegaBase** fills evenly at the top, it creates a better surface for stacking.

By eliminating the baffles, AmeriGlobe eliminates not only a costly portion of the bag, we also eliminate many potential sifting and contamination points. The removal of the baffles also allows for the use of inexpensive liners to further protect your product.

The **MegaBase** - baffle bag stability without the high cost. For more information or to try the **MegaBase** call (866) 264-5623.

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