

## Customized Bulk Bags Offer Many Advantages and Options

Customized bulk bags deliver top-value storage solutions for your specific application.

Bulk bags, also called flexible intermediate bulk containers (FIBC) or super sacks, are the ideal storing and transporting solution for dry flowable bulk goods, such as dried food and ingredients, hazardous materials, pharmaceutical ingredients, chemicals, powdered metals, and seed and animal feed. These strong bags can hold thousands of pounds and are designed for maximum storage efficiency since they can fold down to a fraction of the size when not in use. Bulk bags are highly customizable, which provides additional benefits.

### Benefits of Bulk Bag Customization

- You only pay for the features and size you need.
- Customized bags are safer for employees when moving them because they are designed for a specific weight and specific application.
- Bags can be designed for the specific equipment used to fill the bags and discharge material from the bag.
- You can customize them for your high-speed filling operation.
- They can be barcoded for product tracking.
- They can be printed, offering branding opportunities.



### Bulk Bag Customization Options

The number of bulk bag customization options available provides for countless configurations depending on your product, transportation, filling, and discharge needs. Bag size, materials, liners, openings, closures, spouts, and loops can all be customized.

#### Size

Your bulk bag provider can design bags in the size that is right for your application. Using the bulk density of the material, the filled bag's desired weight, and the pallet or footprint size, they can calculate the exact bag dimensions.

#### Fabrics

Since bulk bags hold various materials, they need to function in ways suitable for the product. For example, a hazardous chemical will require a different type of bag material than sugar. In addition to standard bags (Type A), bulk bags can be coated (Type B) to reduce dusting, have conductive (Type C) or antistatic (Type D) properties to avoid fires or explosions, or be UN approved for hazardous materials. The fabric can also be colored or printed with up to four colors.

#### Liners

Bulk bags can be customized with liners to provide extra protection for fine or powdery materials, protecting them from moisture, oxygen, and contamination. Conversely, they can also work to retain the product's moisture or oil. The liners can be glued in, tabbed in, and loose fit.

#### Top and closures

The method you use to fill the bag (e.g., gravity, conveyor, bulk bag filler) will help you determine what type of top opening you need. Options include open-top, duffle top, and standard or spout top options. There are multiple closure types available, too, including polypropylene webbing, velcro, or rope.

#### Spouts

How you empty the bag (i.e., gravity, screw, conveyor, bottom cut, full dump) will determine the spout you need. Spout options include bottom spout, full discharge, closed bottom, and conical discharge.

#### Loops

Handling bulk bags improperly can lead to serious injury, so it is imperative that the transportation equipment (hoist, fork truck, etc.) is set up correctly to move bulk bags and are rated for the weight of the bags. Loops aid, when used properly, can safely aid in transporting the filled bags. Loops types include stevedore lift loops, cross-corner loops, and standard lift loops.

### Work With Tyoga For All Your Bulk Bag Needs

If you are not sure which options you need, we have the experience to help. We will evaluate your application and how you plan to transport, fill, and discharge the bags to develop a solution that will fit your needs and your budget. Call us to get started.