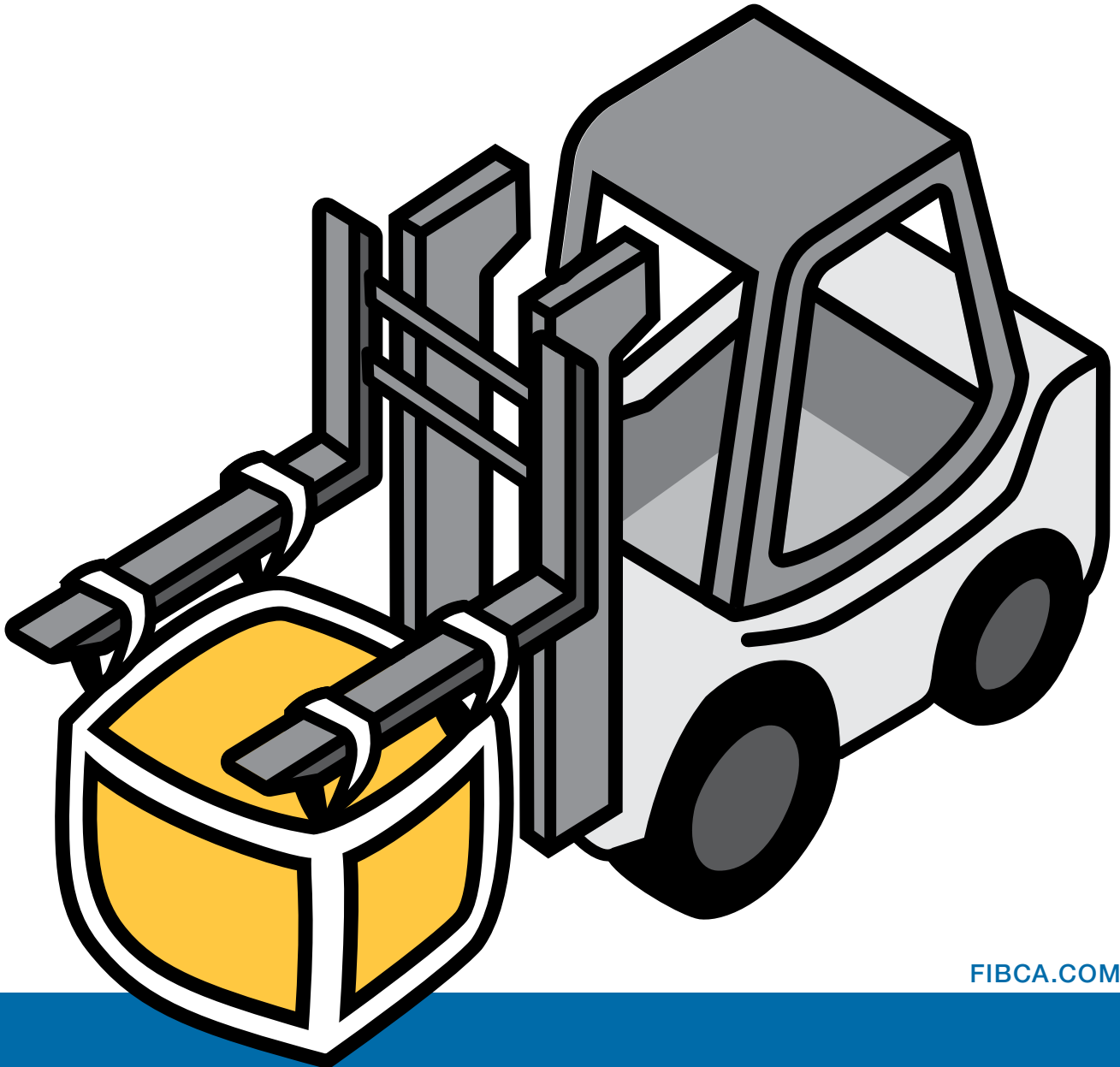


FIBC Design Guide



FIBCA.COM



Flexible Intermediate Bulk
Container Association

FIBC Design Guide

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The following is provided as a means for potential Bulk Bag (FIBC) users to identify the answers to critical questions when determining what FIBC package fits best in their particular application. This guide is intended to assist those users/buyers when sourcing a Bulk Bag and for those who have never spec'd out their package but now must. The items below have been assembled by professionals in the FIBCA and thus will be an excellent guide in identifying the questions which will ultimately need to be answered. Our goal herein is not to magically create a Bulk Bag spec by answering a few questions, but to better prepare you for questions which will be asked of you by a professional member of the FIBCA. It will greatly assist them in designing the right package for you. The FIBCA was created to serve as a single voice for the Flexible Intermediate Bulk Container industry and with that same focus the below was created through pooling the collective voices of the many professional members of the FIBCA. Use the below guide by printing it out and having as much of the information answered when you speak to one of the FIBCA member companies.

PRODUCT INFORMATION

Product Name:

Product Bulk Density (lbs. per cubic foot):

Reference / Link:

WEB LINK ► [Bulk Density Chart](#)

Safe Working Load: _____ Reuse: 6:1 8:1 (Less than 6:1 SWL, bag is guaranteed for 1 trip only)

Hazardous: Yes No If Yes, United Nations #: UN _____

WEB LINK ► [Code of Federal Regulations \(Title 49 CFR Parts 100-185\)](#)

IMPORTANT: Always verify you're referencing the current regulations & those appropriate for the transportation mode and region.

Market Segment (Food, Pharmaceutical, Chemical, etc.):

Food Grade: Yes No Pharma Application: Yes No

Particle Size of Product: Fine Medium Coarse

Moisture Percentage:

Special Barrier Required (i.e. hygroscopic?):

Characteristics (free flowing, bridging, static build up):

Monthly Volume to be Shipped:

Annual Usage:



This material was designed and distributed by FIBCA,
the flexible intermediate bulk container association.
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FIBC DESIGN

Bag Type if Known: Circular U-Panel 4-Panel Baffle Other, describe: _____

If you know size of bag, please list : _____

What Type Bag: Type A Type B Type C Type D

DESCRIPTIONS: Type A does not dissipate static electricity; Type B is made from materials that have a low break down voltage & can sustain voltage of up to 6Kv; Type C conductive bag will contain conductive threads in a grid pattern and must be grounded; Type D bag dissipates static using dissipative fibers and there is no need for grounding.

LINER

Liners Styles: Form Fit Straight Tube

Liner Inserting: Tabbed Loose Glued Sewn in Wings

Liner Film: _____

Barrier (Oxygen, Moisture, UV, Conductive): _____

FIBC Options: Sift Proof Seams Coated Uncoated

Breathable/Ventilated Fabric Other: _____

OTHER OPTIONS

Printing: 1 side 2 sided B&W Color

Labeling/Product Identification:

Colored Fabric or Loops:

Pallet Preference:

Cross Contamination Concerns:

Other special considerations (i.e. metal detection, FDA approved material, etc.) :



FILLING

Filling Method (i.e. conveyer, gravity, Bulk Bag filler):

Describe Area Where FIBC will be Filled (ceiling clearance, electro static concerns such as dusting, flammable products, etc):

Describe FIBC Filling Equipment Desired or Currently Used:

Desired Fill or Packaging Rate:

How is the Product Currently Filled:

Sizing Restrictions / Constraints:

FIBC Filling Options: Open Top Duffle Top Conical Top Spout Top

Spout Dimensions (i.e. 14" dia. x 18" long): _____

DISCHARGING

Batch Size at Discharge if applicable: _____ Controlled discharge desired: _____

Discharge Method (i.e. gravity, screw, conveyer, bottom cut, full dump): _____

Describe Area Where FIBC will be Discharged (clearance, manual, etc.):

Desired Discharge Rate: _____

How is the Product Currently Discharged:

FIBC Discharge Options: Flat Bottom Duffle Bottom Conical Bottom

Spout Bottom Spout Dimensions (i.e. 14" dia. x 18" long): _____

Handling Preference: Existing Hoist Hoist and Trolley Frame Fork Loaded Frame

Other, describe: _____



FIBC HANDLING / STORAGE / SHIPPING

Top Lift Feature: 4 Point Lift (standard) Single Point Lift Cross Corner Loops

Transporting: Slip Sheet 4-way pallet 2 FIBCs/Pallet Other: _____

Shipping Distance: Inter-plant Overseas Cross Country

Shipping Method: Rail Flat bed Other: _____

Racking System: Yes No If Yes, Racking dimensions: _____

FIBC Options: Self Standing Loops Secondary Loops Pallet Free Shipping

Other: _____

ADDITIONAL NOTES:





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FIBCA.COM

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