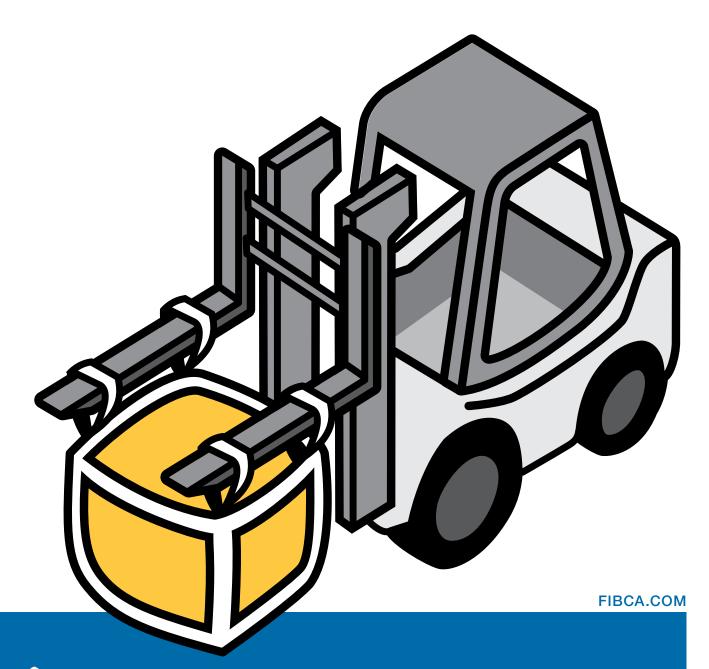
FIBC Design Guide





Flexible Intermediate Bulk Container Association

FIBC Design Guide

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	3:1 (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	n: 🛛 Yes 🗋 No				
Particle Size of Product: Fine Medium Coarse					
Moisture Percentage:					
Special Barrier Required (i.e. hydroscopic?):					
Characteristics (free flowing, bridging, static build up):					
Monthly Volume to be Shipped:	Annual Usage:				



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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
<i>DESCRIPTIONS:</i> 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.) :



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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" lor	ng):		

DISCHARGING

 Batch Size at Discharge if applicable:
 Controlled discharge desired:

 Discharge Method (i.e. gravity, screw, conveyor, 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:
 Image: Flat Bottom
 Image: Duffle Bottom
 Image: Conical Bottom

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

 Handling Preference:
 Image: Existing Hoist
 Image: Hoist and Trolly Frame
 Image: 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:





Flexible Intermediate Bulk Container Association

FIBCA.COM

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