

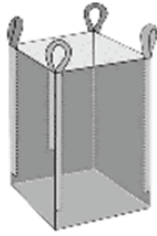


FIBC's (Big Bags) are the most cost-effective packaging materials for shipping and storing dry bulk products.

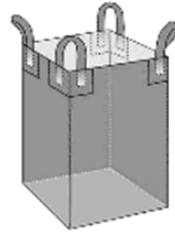
**Side Seam Bag:** A fabric component of a sewn bag style of construction. This can be either two pieces attached to the U-Panel, or four pieces, which form the Four Panel Bag.

**Circular Bag:** Also called a Tubular bag, it is made from fabric woven on a circular loom, which is then cut to the proper length for a specified bag height, thereby eliminating vertical seams on each of the bag's sides.

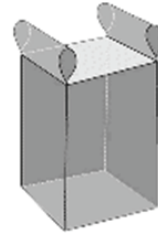
Lifting



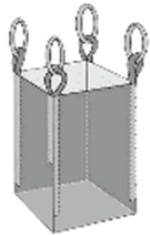
Side Seam Loop Bag



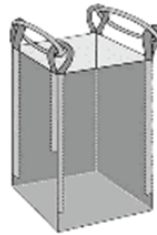
Cross Corner Loop Bag



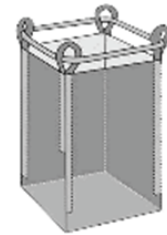
Sleeve Lift Bag



Ancillary Loops

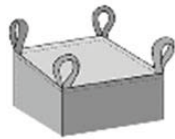


Double Stevedore Straps

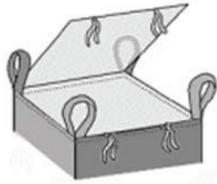


Single Stevedore Straps

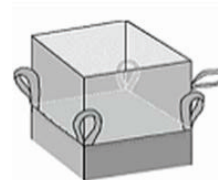
Filling



Open Top



Tie-Down Flap

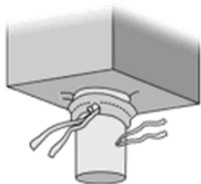


Duffel Top

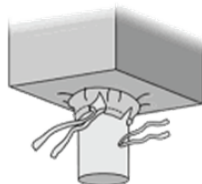


Filling Spout

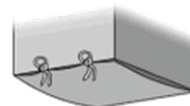
Discharge



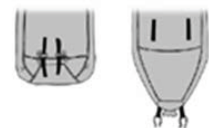
Discharge spout with Iris Protection



Discharge spout with Petal Closure



Discharge spout with Protection Flap



Conical base

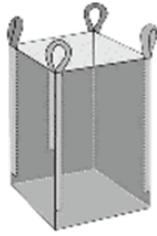
# One or Two Lifting Loop & Potato Bags



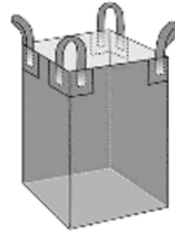
One or Two Lifting loop FIBC's are cost effective bulk-handling solutions suitable companies handling bigger volumes, demanding high output capacity.

Potato Bag is made from a unique woven polypropylene fabric with ventilation lines; which provides air flow through the bag during transport and storage. The ventilation lines prevent the potatoes and onion from sprouting.

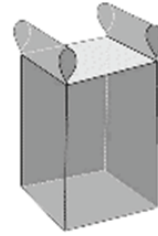
Lifting



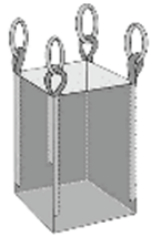
Side Seam Loop Bag



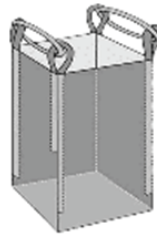
Cross Corner Loop Bag



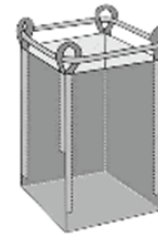
Sleeve Lift Bag



Ancillary Loops

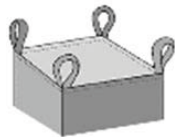


Double Stevedore Straps

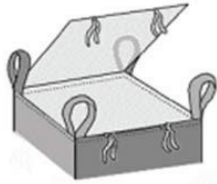


Single Stevedore Straps

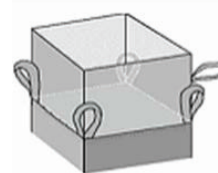
Filling



Open Top



Tie-Down Flap

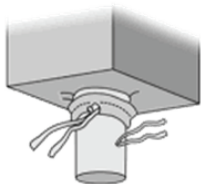


Duffel Top

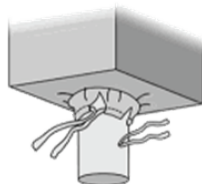


Filling Spout

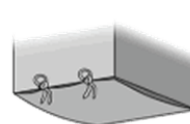
Discharge



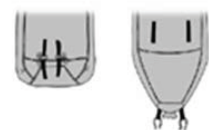
Discharge spout with Iris Protection



Discharge spout with Petal Closure



Discharge spout with Protection Flap



Conical base





Piece of fabric sewn across each corner of a tubular or four panel bags to improve bag's square-shaped, appearance and improve the stability of the load.

Baffle Bags are constructed with corner baffles to maintain their cubic forms once they are filled.

Baffle bags occupy less space and can reduce transportation costs by up to 25% in comparison with a standard FIBC.

Gambo Bags; same construction as Baffle bags produced from Polyethylene Liner then attached into the outer bag body.

## Type C & CROHMIQ



Some bulk materials can create static energy during filling and discharging, which may cause an electrostatic discharge in the bag or on its surface. If there is a flammable dust or gas present within the atmosphere during the filling and discharging process, there is a risk of fire or explosion. To prevent this hazard, a conductive (Type C) bags are the ideal solution.



CROHMIQ is internationally recognized as the genuine Type D static protective bulk bag packaging technology. The proven safety record of CROHMIQ is unmatched. Over 30 million CROHMIQ FIBC have been safely used, including an extensive use in hazardous flammable environments. Only CROHMIQ's FIBC technology provides a level of safety equal to a properly earthed Type C FIBC but without the risks of human error. For these reasons, leading global companies have converted from Type B and Type C bulk bags to the optimum safety of CROHMIQ FIBC.

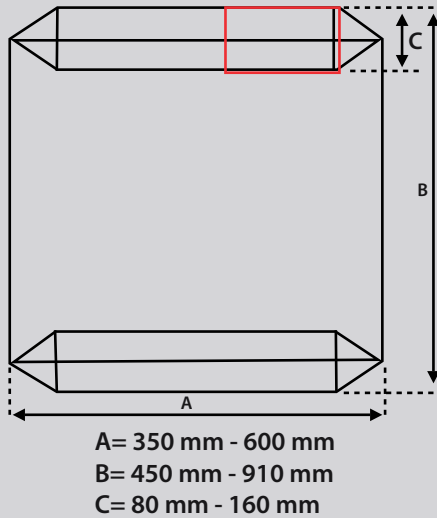




## Liners:

- Container Liners
- Form Fit Liners
- Aluminium Liners
- Baffle Liners
- Drum Liners





## The Applicable Industries

**Construction**  
 (Cement, Lime, Gypsum, etc)  
**Food** ( Salt, sugar, bean, rice, etc)  
**Agriculture** (grains)  
**Animal Foods**  
**Powder, granular chemicals**  
 (dry chemicals)  
**Plastics** (powder or pellet  
 polypropylene, polyethylene,  
 PVC, polystyrene, etc)  
**Processing aids and coloring master**  
**batches**

## Advantages

**Affordable costs for superior strength**  
**and performance**  
**Minimized bag weight** (2 times lighter  
 than PE and 3 times lighter than multi-  
 layer paper bags)  
**Outstanding tensile strength, tear**  
**resistance and durability** (Free falling  
 from 6m without any damage)  
**Bags perform well on existing paper**  
**and PE bags filling equipment**  
**Increased outdoor strength** (under  
 sunlight and rain)  
**Excellent water resistance,**  
**Excellent wade resistance,**  
**Excellent rodent, bug**  
**and varmint resistance**  
**100% recyclable**  
**Brick shape palletizing of filled bags**







## Automated System FIBC

Most Innovative Solution for Industry 4.0 Filling Station Application

Advantageous are:

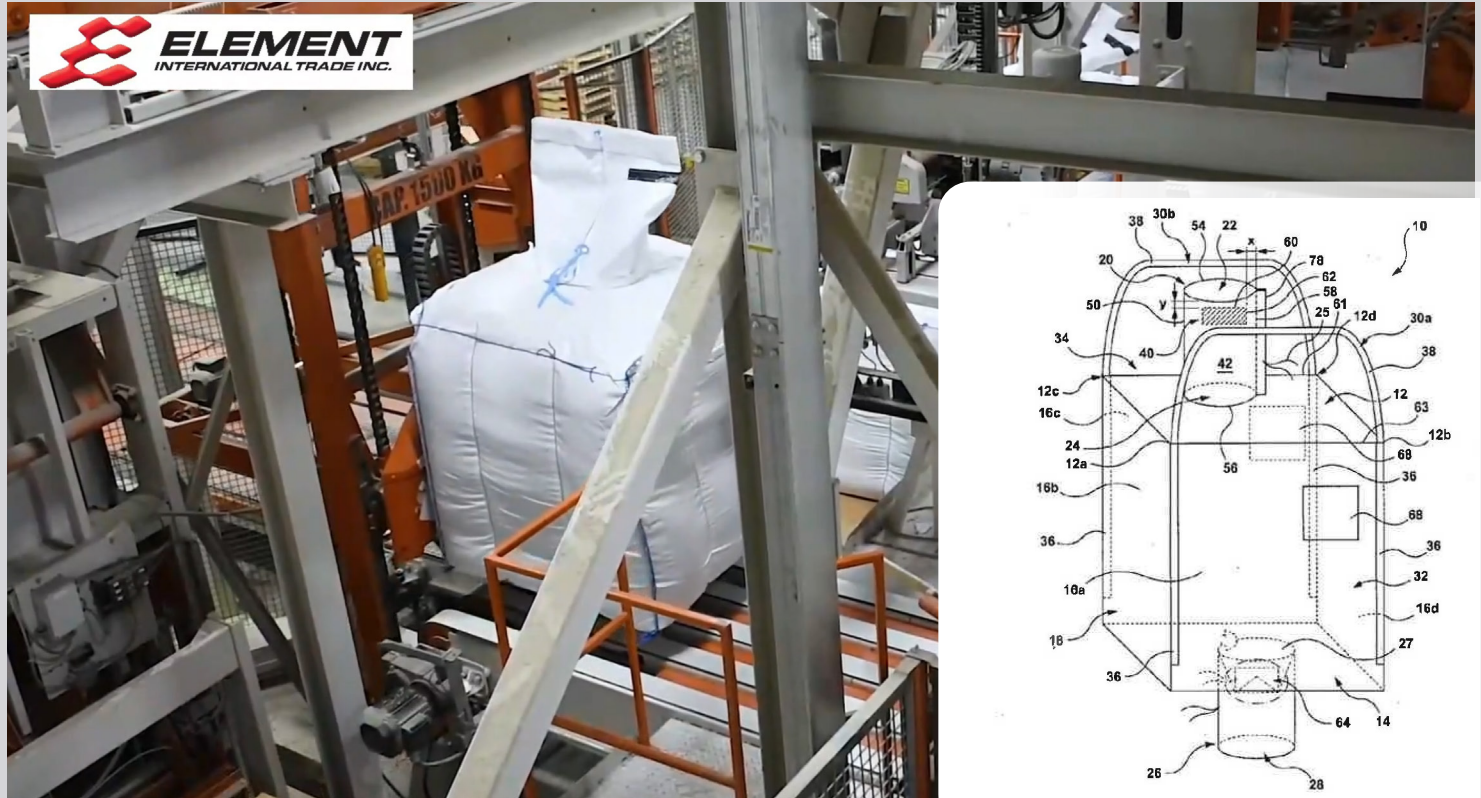
**MULTI BAG APPLICABILITY:** Any size, 4-Loop , 2-Loop, 1 Loop Bag can be used in the same robotic system. This is the only existing system which is providing factories to use different type of their bags at the same station.

Fully Automated, 1 or 2 feeder area. 1 Robotic system can control 2 filling stations.

In most cases, no need to change the FILLING STATION. Robotic system comes around existing filling station area if facility location permits.

Most Cost-Effective solution and Leasing is available with long term FIBC supply contract.





## Automated System FIBC

Advantageous are:

Significant advantages against old technology roll-on and other systems. So, bags are packed in traditional way and comes with over pallets as usual.

Up to X6 times productivity increase

100% Saving about Filling Station operator(s) workforce at all shifts.

Element International's Patented FIBC designs comes with licence option to end users for flexible sourcing.

