

FIBC/Jumbo bags.

FIBC (Flexible Intermediate Bulk Container) also known commonly as Jumbo bags, Bulk bags, Tote bags etc. are an efficient and economical way of packing dry bulk material. FIBC come in various shapes, sizes, capacity and specification depending on the product to be packed in them. The common range of FIBC varies from 500kg to 2.5tons. Various options in FIBC are available in the following combination.

- **Capacity:** The size of the bag decides the capacity. Manufacturing any size is possible as long as it suits your needs. Common capacity varies from 500kg to 2500kg. Size commonly varies from W x L x H = 70 x 70 x 50cm to 106 x 106 x 230cm.
- **Safety Factor:** The bags are designed for safety factor ranging from 4:1 to 6:1.
- **Filling and Discharge:** The following options are available for filling and discharge of FIBC.

Filling or top:

- 1) Open top
- 2) Spout
- 3) Duffel top (Skirt)
- 4) Conical Top
- 5) Flap Closure
- 6) Custom design as per your requirement

Discharge or bottom:

- 1) Spout
- 2) Closed
- 3) Conical
- 4) Spout with Iris or Kapishawn closure
- 5) Custom Design as per your requirement

The size of inlet and outlet can be varied as per customer's requirement also any other modification required in filling or discharge mechanism is possible. The discharge spout is protected by either star-closure or pajama closure.

- **Construction:** Bags can be constructed using the following techniques.
 1. U-Panel
 2. Circular
 3. O-Panel
 4. 4-Panel
 5. Baffle Bags
- **Lifting Arrangement:** Bags can be lifted using loops made of heavy-duty webbings or belts made of High denier PP multifilament yarn or PP

Monofilament tapes. These belts are strong and undergo stringent quality checks to ensure no accidents occur while handling these bags.

These lifting loops can be attached top the bag in various ways. Some of them are listed below.

- 1) Cross Corner Loops.
- 2) Corner loops.
- 3) Stevedoring Loops
- 4) Tunnel Loops
- 5) Single loop Bags
- 6) Double Loop Bags
- 7) D- Loops

- **Fabric:** Woven PP or PE is commonly used. The fabric is UV stabilized so that it does not degrade under direct sunlight. The fabric can be Laminated/ Coated or Unlaminated/Uncoated. The GSM of the fabric can be varied as per your requirement and load capacities required.
- All stitching is double stitched using high tenacity heavy denier PP multifilament yarn. We can also manufacture bags with dust or sift proof stitching. Sift Proofing is achieved by using special Filler Cords and felt Fabric.

Our manufacturing facility is a clean facility and we ensure that no form of foreign objects enter our premises.