

## FIBC JUMBO BAGS

**Flexible Intermediate Bulk Container (FIBC), bulk bags or simply big bags** are standardized containers in large dimensions for storing, transporting and handling dry, granular products and/or slurry (semi-liquid) material. FIBC's are amongst the most cost effective and ideal types of packaging for shipping and storing dry bulk products. They can be produced from either tubular or flat polypropylene (PP Woven fabrics. These fabrics can be either coated or uncoated and vary in weights depending on the requirements of the Safe Working Load (SWL) or Safety Factor (SF). An FIBC can be as simple as an open top with a flat base used commonly within the building industry or as a high tech unit produced within a clean room production environment to be used within the food/pharmaceutical industries. Most importantly, each FIBC is manufactured to meet a customers' specific requirement. FIBC/Jumbo bags basically have a square or rectangular base. The bag sizes can vary on depending the purpose for which they will be used.

### FIBC > BAG TYPES

#### ❖ **Standard Bag/ U Panel bags**

The standard four loop bags all types of bulk materials.

#### ❖ **Form Stabilized Bag**

These are FIBCS with inner construction of baffles sewn to the main fabric so that the bags retain shape after filling. Form Stabilized bags ensure... Saving in Space, Higher Stability after filling, and Retention of the rectangular shape

#### ❖ **Conical Bag**

A Conical bag is shaped as a cone at the bottom. These types of FIBCs are especially suitable

to pack Tacky products which are not so free flowing eg. Clay, Slurries etc. The Conical design

provides a gradient for these materials to 'flow' towards the outlet spout.

#### ❖ **Cross Corner / Tubular Bag**

Cross Corner loop bag has loops stitched on the body of the main fabric. These types of FIBCs are prepared when retaining the shape of the lifting loop becomes important. This type of FIBC design is especially popular for Tubular FIBCs.

#### ❖ **Ventilated Bag**

Ventillated or Breathable bags are FIBCs where the fabric has breathable stripes. This is useful for products that breathe while packed, especially fruits and vegetables.

#### ❖ **Type A Bag**

Type A FIBCs are made of a fabric that does not have any protective properties against the build-up of static electricity. You can use this type of FIBC for non-combustible materials in an environment where no flammable gases are present.

#### ❖ **Type B Bag**

These FIBCs, like type A, have no protective properties against the build-up of static electricity. The difference is that the fabric material has a lower breakdown voltage (< 6 kV). You can use this type of FIBC for dry, combustible materials, but there must not be any flammable gasses in the area.

❖ **Type C Bag**

❖ These FIBCs are made of a conductive fabric. The conductivity is obtained by interweaving several conductive yarns. The various threads of yarn are connected to each other and come together at an earthing point. You must therefore earth this FIBC at all times. You can use this type of FIBC for combustible materials and in environments where flammable gases are present.

❖ **Type D:**

These FIBCs are made of a special anti-static fabric with permanent discharge properties (corona discharge). They do not need to be earthed. However, it is crucial that the immediate vicinity (machinery, staff, etc.) is fully earthed. There are also restrictions on the relative humidity in order to safely use this type.

❖ **UN Bag**

***Reliable Transport for Dangerous Goods***

The transport of dangerous goods is regulated in order to prevent injury to people, harm to the environment and material damages.

UN FIBCs according to international regulations for transport by sea, rail and road. Our technicians are well trained in the procedures and regulations regarding transportation of dangerous goods.

UN FIBCs are tested with Safe Working Loads (SWL) ranging from 500 kg to 2000 kg.

**UN REGULATIONS**

UN recommendations on the transport of dangerous goods (Orange Book)

IMDG Code	Chapter 6.5	Transport by sea
ADR	Annex A 6	Transport by road
RID	Annex A VI	Transport by rail

❖ Single Loop Bag

❖ Double Loop Bag

**Features of Jumbo Bags made by us.**

- ❖ Safe Working Load (SWL): 500 kgs to 2500 kgs.
- ❖ Size: As per customer requirements
- ❖ Safety Factor: 5:1 or 6:1 or 8:1 as per customer requirements
- ❖ Material: PP UV stabilized
- ❖ PE Liner: 40-120 Micron thickness
- ❖ Quality: All our bags are made as per industry standard.

**SPECIFICATIONS:**

- Available in customised sizes.
- Certificates and test results are available on request.

#### **KEY INDUSTRIES**

Animal feed, Chemicals, Food Ingredients, Mining and minerals, Pharmaceuticals, Waste & recycling, Wheat & Grain, Tobacco.

#### **❖ SLING BAGS**

We are offering our clients a quality range of Sling bag. These industrial sling bags are manufactured using high-grade material and are in line with international quality standards. Known for high load bearing strength, these industrial sling bags are considered as one of the best packaging solutions and enable transportation of heavy sacks. Moreover, our range of Sling Bags (FIBC) provides protection against adverse conditions during transit and decreases the overall cost of transportation of goods.

❖ **Bulk Container Liners**

- Dry bulk container liners shielding the bulk cargo from moisture, contamination and ensuring safety and hygienic transport method.
- Customized designs of any sizes of container liner desired by the customer.
- Container dry bulk liners are used in many industries to store and transport chemicals, petrochemicals, minerals, agricultural products, seeds and food products.
- Dry bulk container liners are manufactured using a variety of materials including polyethylene or polypropylene.

**Advantages**

- Are quick and simple to install.
- Enable bulk cargos to be shipped door to door with a minimum of handling.
- Avoids cargo contamination.
- Provides cost efficient savings for the shipping of bulk raw materials.