

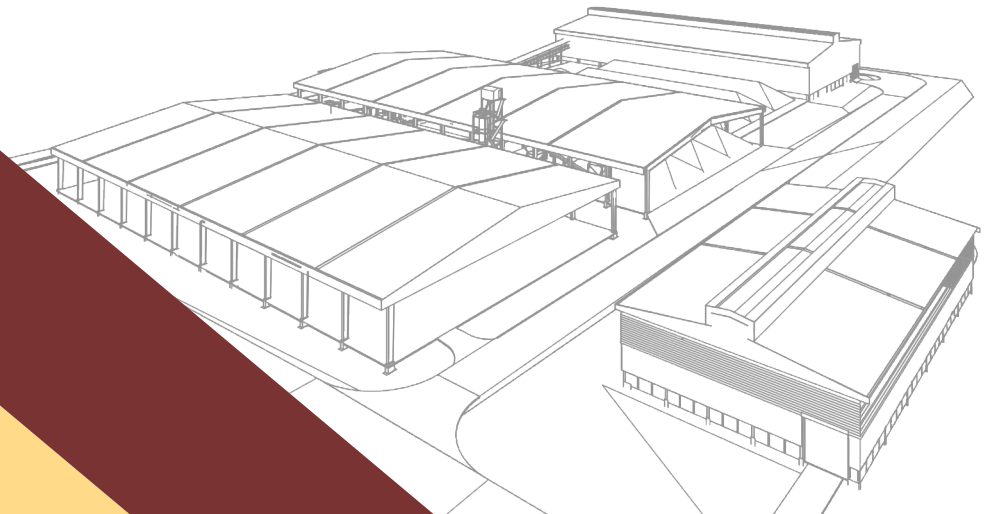


DECCANTM
GROUP



Deccan Group is a renowned manufacturing company headquartered in Mumbai, India. With a workforce of 500 employees, the company exports its products to 38 countries worldwide. It holds ISO 9001:2015 certification and actively participates in sustainability initiatives such as the Ecovadis program.

Founded in 1967 by **Mr. Mansoor Chunawalla**, Deccan Group started as a small-scale tin can manufacturing operation in a 100-square-foot workshop. Today, it stands as an industry leader, boasting tin can manufacturing capacities exceeding 200,000 units per day. In addition to high-end production lines and a fully equipped QC lab, the company houses an in-house design team proficient in artwork modification to cater to diverse customer needs across various industries. Situated on a modern 5.5-acre facility in Daman, the company's factory spans over 200,000 square feet of comfortable working space. Equipped with cutting-edge machinery and equipment, the factory ensures efficient and high-quality production processes.



ABOUT
US



In 2008, Deccan Group expanded its operations into **FIBCs and Jumbo Bags** manufacturing, integrating state-of-the-art tape plants and Lohia Starlinger looms for top-notch production quality. The manufacturing process is highly automated, including advanced cutting technology, while skilled stitchers ensure meticulous bag assembly. Rigorous quality checks, facilitated by the company's QC lab equipped with various advanced testing equipment such as UV Testing, Tensile Tester, and Cyclical Load Test guarantee adherence to stringent quality standards.

In summary, Deccan Group's unwavering commitment to delivering exceptional products and services has solidified its reputation as an industry leader. With a skilled workforce, technical prowess and innovative approach, the company continues to exceed customer expectations across diverse industries on a global scale.



FIBC

- ◆ LIGHT
- ◆ RE-USABLE
- ◆ EASY TO HANDLE

**FLEXIBLE
INTERMEDIATE
BULK
CONTAINERS**



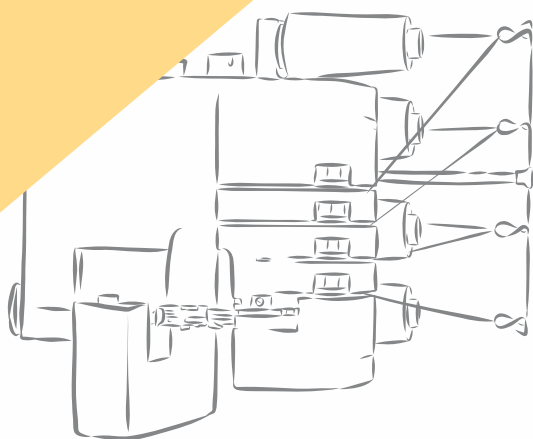


INFRASTRUCTURE

Today, FIBCs are used in various industries, such as agriculture, chemicals, food and beverage, mining, and pharmaceuticals. They have many advantages over traditional packaging methods, such as they are lightweight, reusable and easy to handle. FIBCs also reduce the environmental impact of packaging by using less material and

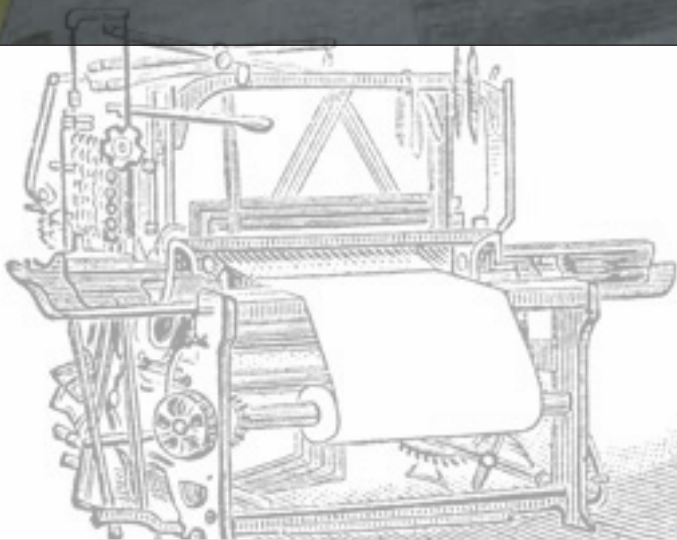


generating less waste. In conclusion, the history of FIBCs is a testament to the ingenuity and innovation of the logistics and transportation industry. These large bags have revolutionized the way we transport and store dry bulk materials and their popularity continues to grow. As FIBCs continue to evolve, we can expect to see even more advances in their design, construction and safety features.



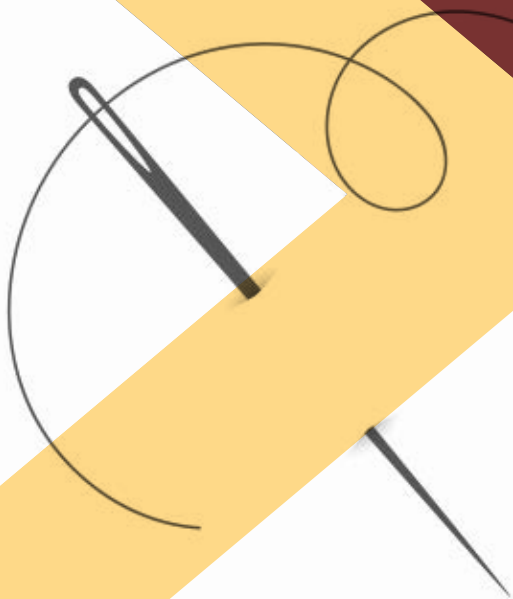
LOOMS





TAPE PLANT

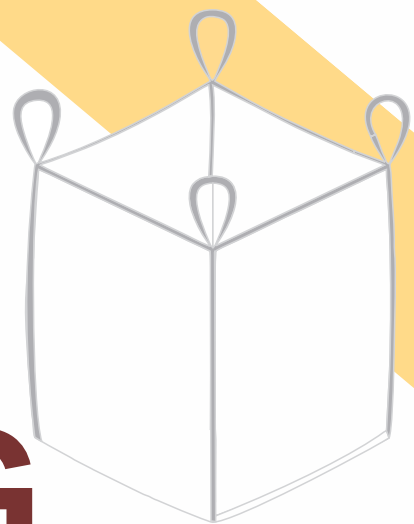




**CUTTING
STITCHING
PRINTING**



FIBC FINISHING





**QUALITY
CHECKS**

Coated

Coated woven polypropylene fabric features a layer of polypropylene film. These bags, also known as non-breathable or laminated fabric/bags, include an exterior film layer to minimize moisture intrusion and prevent shifting of the contents.

Uncoated / Breathable

Uncoated or non-laminated fabric is ideal for products requiring air permeability, making it perfect for agricultural products and products that need ventilation. This standard woven polypropylene fabric does not include a polypropylene film coating.

Type A

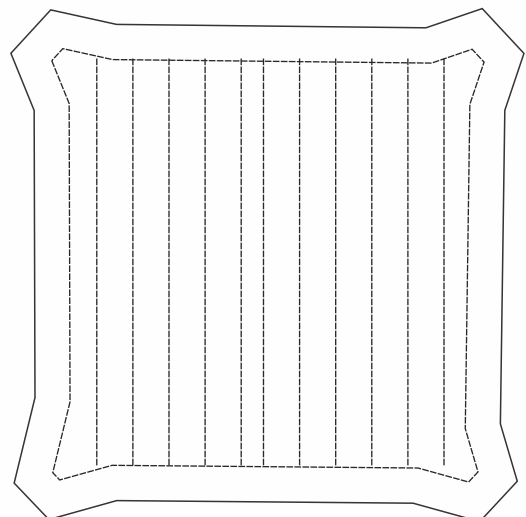
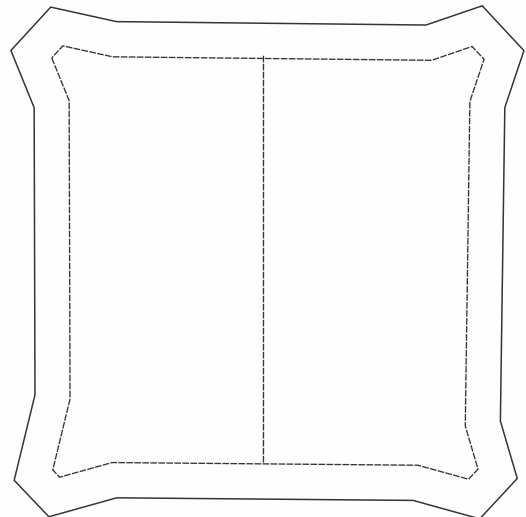
Standard woven polypropylene fabric offers no static protection and is safe for transporting non-flammable products only. Type A FIBCs, made from woven PP, generate static electricity as materials rub against the bag's inner surface during filling and emptying. Consequently, Type A bags should not be used for storing or transporting combustible materials or in flammable or combustible environments. It is crucial that flammable materials or gases are not present outside the bag.

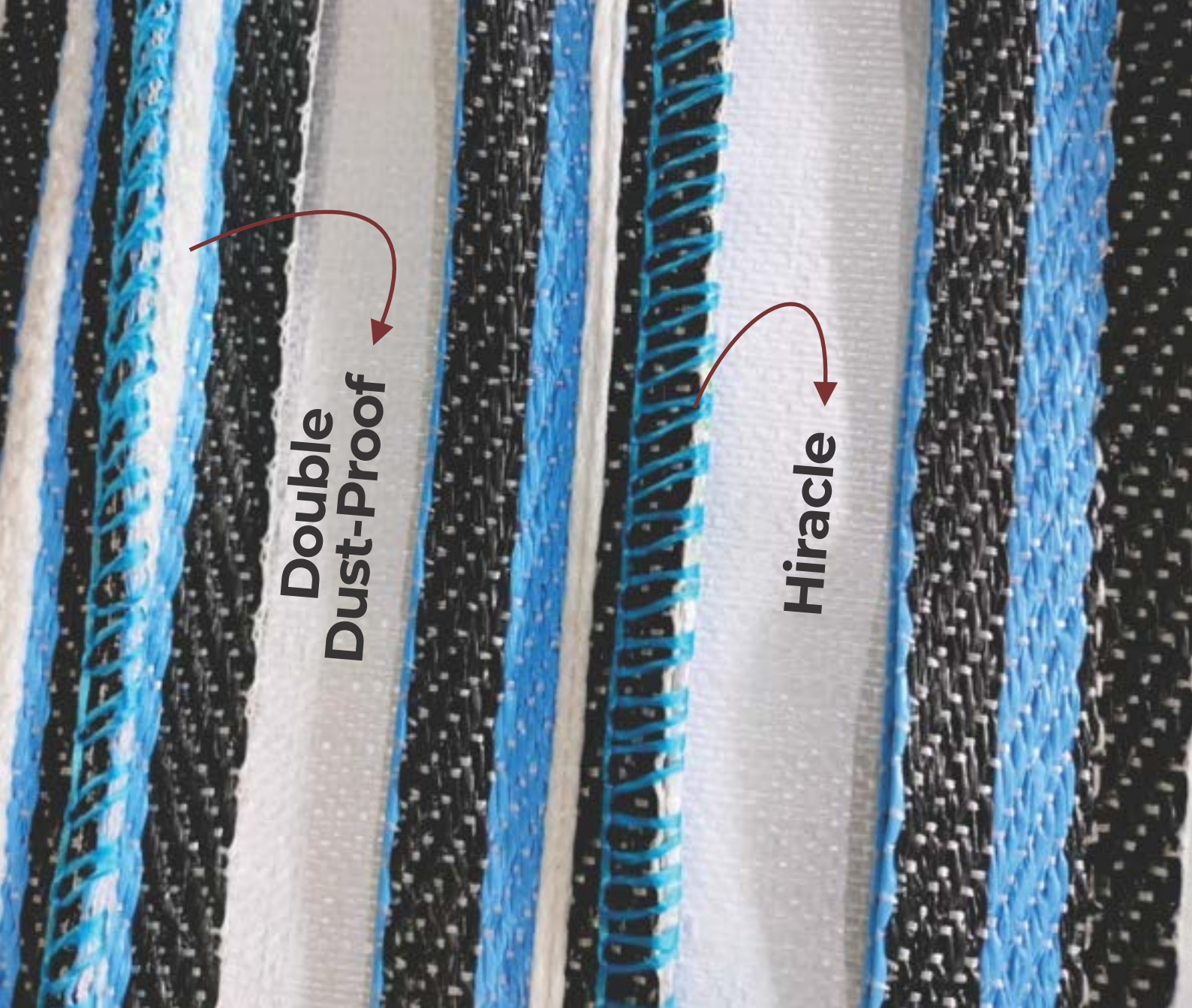
Type B

Standard woven polypropylene fabric with low breakdown voltage is designed to prevent sparks and propagating brush discharges. It is safe for transporting flammable products, provided that flammable materials or gases are not present outside of the bag. Like Type A bulk bags, Type B bulk bags lack mechanisms for dissipating static electricity. However, Type B bags differ by being made from materials with low breakdown voltage to prevent highly energetic and dangerous propagating brush discharges (PBD). While Type B FIBCs can prevent PBD, they are not considered antistatic FIBCs because they do not dissipate electrostatic charge, and normal brush discharges, which can ignite flammable solvent vapours, can still occur.

Type C

Type C fabric, designed with static dissipative conductive threads or tapes, controls electrostatic charges through grounding. It's safe for transporting flammable products, even with flammable materials or gases outside the bag. These FIBCs, also known as conductive or groundable FIBCs, require grounding during filling and discharge. Modern versions use nonconductive polypropylene interwoven with conducting yarns in a grid pattern. Proper interconnection of these yarns and grounding is crucial for safety, though human error in ensuring these connections remains a concern.





**Double
Dust-Proof**

Hiracle

SEAMS

Industry standards typically mandate that an FIBC should handle five to six times its Safe Working Load (SWL). These standards vary based on the application's requirement for shift-proofing:

- ♦ **Standard FIBC:** Used in applications where shift-proofing is not essential.
- ♦ **Safety Stitch in FIBC:** The safety stitch ensures structural integrity and security. This technique uses multiple layers of durable thread in the seams, enhancing strength and preventing failure under heavy loads. Proper safety stitching is crucial for meeting industry standards & ensuring the safe handling of FIBC bags.
- ♦ **Hiracle Stitch in FIBC:** The Hiracle stitch is an advanced stitching technique engineered to enhance seam strength and durability. This method employs a reinforced pattern that offers exceptional resistance to stress and load, ensuring that bags remain intact and secure during the transportation and storage of bulk materials. Additionally, it fuses the folds at the corners, enhancing the bag's aesthetics. This design prevents the bag from getting stuck or tearing during active handling, providing both functionality and visual appeal.
- ♦ **Single Filler Cord:** It incorporates single cording to prevent fine powders from leaking through the stitches.
- ♦ **Double Filler Cord:** It utilizes double cording to enhance product stability & prevent fine powders from leaking through the stitches.
- ♦ **Triple Filler Cord:** It includes triple cording and felt for superior prevention of product shifting and to ensure fine powders do not leak through the stitches or the loop area.

FILLING OPTIONS

TOP FILLING OPTIONS



Open Top



Top Skirt



Filling Spout



Conical Top



Star Closure



Iris Closure

- ◆ Open Top
- ◆ Duffle (Skirt) Top
- ◆ Spout Top

DISCHARGE OPTIONS

BOTTOM DISCHARGE OPTIONS



Flat Bottom



**Discharge
Spout**



**Discharge
Spout
with
Iris Closure**



**Discharge
Spout
with Star
Closure**



**Full Open
Bottom**

- ◆ Flat Bottom
- ◆ Discharge Spout
- ◆ Discharge Spout with Iris Closure
- ◆ Discharge Spout with Start Closure
- ◆ Full Open Bottom

TYPES OF FIBC



U-PANEL

U-panel FIBC bags are a type of bulk bag distinguished by their construction, which includes a single U-shaped panel that forms the bag's bottom and sides, along with two additional panels sewn into the sides of the U. This design helps U-panel bags maintain a square shape when filled, especially with the addition of internal baffles. They are widely used across industries due to their structural integrity and ease of handling.



CIRCULAR (TUBULAR)

Circular (Tubular) FIBC bags consist of two main parts: a seamless body tube and a base. The body tube is made from tubular fabric, requiring stitching only at the top and base. Despite their tubular construction, these bags maintain a square or rectangular shape when filled, similar to traditional FIBCs, rather than a rounded appearance. They are constructed from a single piece of fabric that forms all four sides. These FIBCs, known for their strength and durability, are ideal for transporting and storing bulk materials such as grains, powders, and chemicals. Their seamless design minimizes the risk of product leakage and enhances reliability in industrial applications.

TYPES OF FIBC



4-PANEL

Four-panel FIBC bags are a type of bulk bag characterized by their construction with four main fabric panels that form the body of the bag. Each panel extends from the bottom to the top, meeting at the corners where they are typically sewn together. This design helps the bag maintain a rectangular or square shape when filled, providing stability and efficient use of space. Four-panel FIBCs are commonly used across industries for their durability and capacity to safely transport and store a wide range of materials and products. However, due to the extensive stitching required, 4-Panel bags have a higher risk of seam failure and are more prone to shifting.



FERTILIZER BAGS

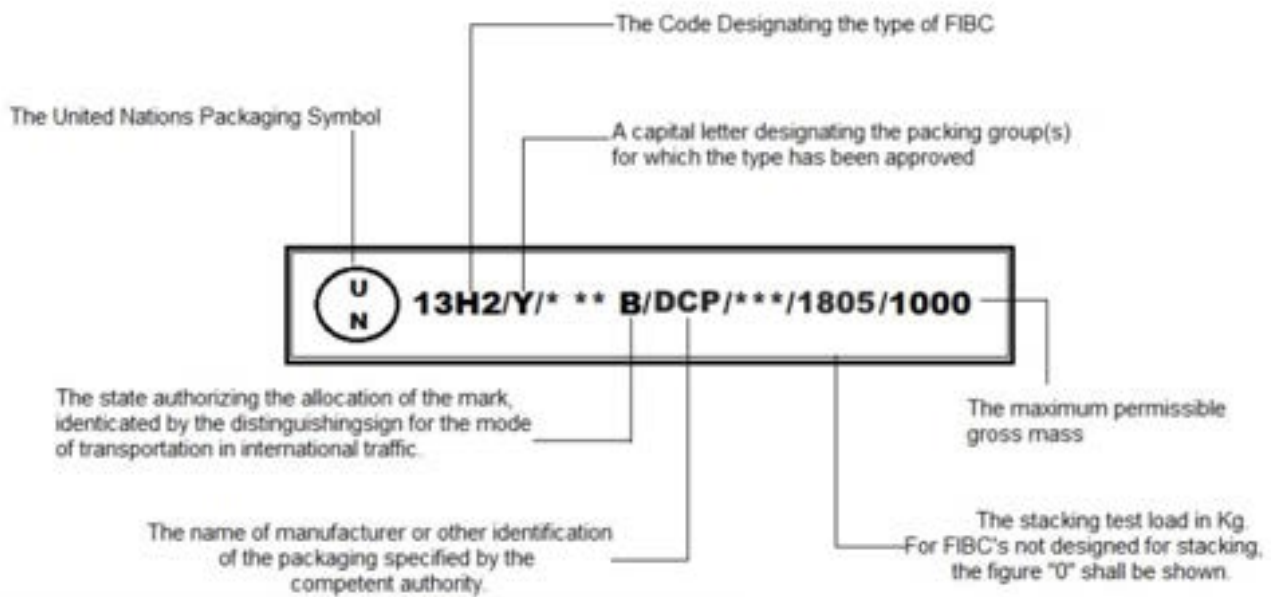
1 & 2 Loop FIBC Bulk Bags are made from tubular body fabric, extending to create one or two lifting loops, enhancing strength and cost-effectiveness. These loops can be color-coded for easy identification. Typically, these bags include an inner liner for protection against moisture and environmental factors. Commonly used in agriculture, they are also suitable for storing and transporting powders and minerals. Our 1 & 2 Loop FIBC Bags, made from 100% Virgin Polypropylene, offer a Safe Working Load range of 500 kg to 1500 kg, providing efficiency at a lower cost compared to traditional 4-Loop FIBC Bags.

TYPES OF FIBC

UN - CERTIFIED BULK BAGS

UN certified bags are meticulously designed and tested to meet stringent international standards for transporting hazardous materials. These bags undergo rigorous evaluations, including top load, stacking, drop impact, topple resistance, lift loop strength, tear resistance, and vibration tests. They ensure the safe and secure handling of dangerous goods, minimizing the risk of spillage, contamination and accidents during transportation. Utilizing UN certified bags enables companies to comply with safety regulations and avoid significant financial and operational liabilities.

UNDERSTANDING THE UN CODE



FIBC Type Codes:

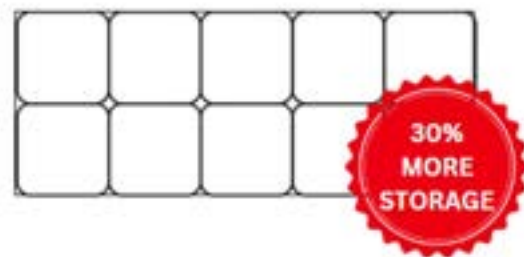
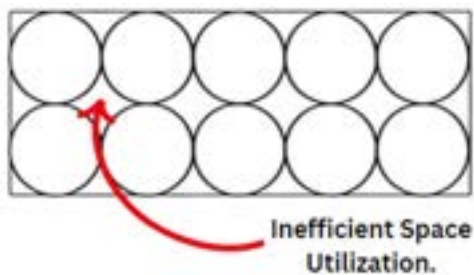
- ♦ **13H1**: FIBC, Uncoated, No Liner
- ♦ **13H2**: FIBC, Coated, No Liner
- ♦ **13H3**: FIBC, Uncoated, With Liner
- ♦ **3H4**: FIBC, Coated, With Liner



BAFFLE/Q-BAGS

FIBC bags are tailored for various industries to pack solid dry bulk materials, with common designs including U-panel, circular, and 4-panel bags. These can lose their shape when filled, causing transportation issues. Baffle bags, or FIBC Q bags, solve this by stitching extra panels or strings into each corner, maintaining the bag's shape. Ideal for dry, free-flowing products like sand, chemicals, and agricultural goods, baffle bags offer increased storage space, efficient space utilization, cost-effectiveness, stackability, stability and content preservation. They also prevent spillage and leakage during transport.

STANDARD FIBC V/S BAFFLED LOADING ADVANTAGE





ISO 9001-2015



IAFT CERTIFICATION



OUR ESTEEMED CLIENTELE



AWARDS & ACCOLADES





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