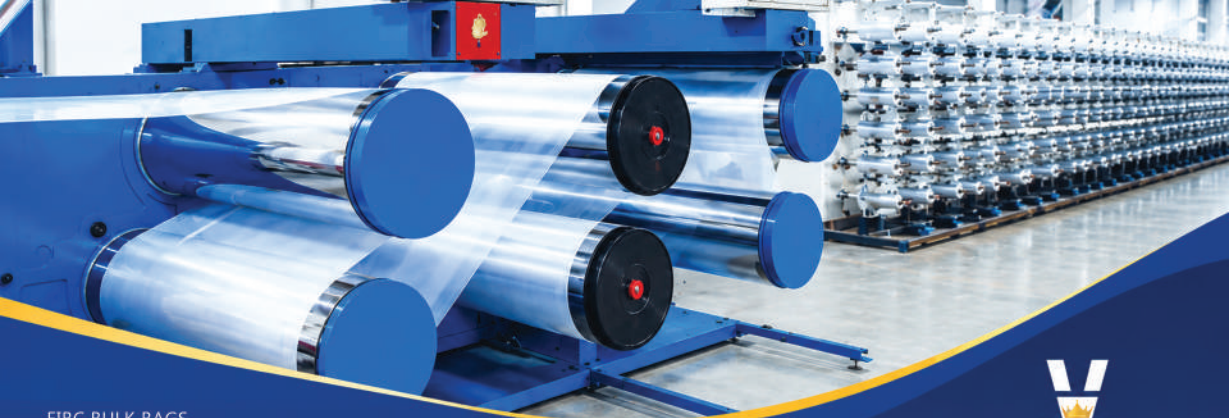




FIBC BULK BAGS

ENGINEERED FOR STRENGTH. DESIGNED FOR PERFORMANCE.

Quality | Strength | Safety | Reliability



SDR POLYMERS
— PRIVATE LIMITED —



SUPERIOR
QUALITY



ADVANCED
MANUFACTURING



SUSTAINABLE
SOLUTIONS



GLOBAL
PARTNERSHIP

Global Manufacturer & Exporter of Premium FIBC



Established in 2008, the company is the flagship enterprise of the SDR Group of Companies, a diversified business group headquartered in Tuticorin, Tamil Nadu, India.

Specializing in the manufacture of high-quality Flexible Intermediate Bulk Containers (FIBC), SDR Polymers combines advanced technology, skilled expertise, and stringent quality standards. From its state-of-the-art manufacturing facility in Tuticorin, the company produces a comprehensive range of FIBC solutions and delivers them to trusted customers.

Manufacturing Excellence

The company operates a fully integrated, technology-driven manufacturing facility equipped with modern machinery and advanced production systems. Supported by a skilled and quality-focused workforce, every process is geared towards delivering products that meet international quality standards.





Single Loop FIBC



Double Loop FIBC



Tunnel Lift FIBC



Baffle FIBC



Four-Panel FIBC



U-Panel FIBC



Circular FIBC



Hazmat UN-Certified Corrugated FIBC



Fall Arrest FIBC

Quality in Every Bag

Discover reliable FIBC solutions from SDR Polymers, manufactured to deliver consistent quality, strength, and performance for diverse bulk handling needs.

How We Work Our Production Journey



Raw Material Selection

We source high-grade polypropylene (PP) granules to ensure consistent quality, superior strength, and long-lasting performance.



Precision Manufacturing

Using advanced manufacturing technology, we produce FIBC solutions to meet precise customer specifications.



Quality Inspection

Every FIBC undergoes rigorous quality inspections covering dimensions, fabric quality, workmanship, construction, and safety requirements.



Packaging & Global Export

After final quality approval, products are securely packed and dispatched to customers worldwide.



Our FIBC bags can be customized to suit your specific product, handling, and transportation requirements. Choose from a variety of **top inlet**, **bottom outlet**, **lifting loop**, and liner options to create the ideal bag configuration for your application.

Tailored to Your Needs

Our FIBC bags can be tailored to your specific filling, discharge, handling, and storage requirements. Top options include Open Top, Filling Spout, Duffle Top, Conical Top, and Flap Top. Bottom options include Flat Bottom, Discharge Spout, Conical Bottom, Flap Bottom, and Diaper Bottom. We also offer lifting loop options such as Corner, Cross-Corner, Side-Seam, Sleeve, and Single Loop, along with liner options including Loose, Form-Fitted, Attached, PE, and Aluminium Liners.

We manufacture FIBC bags in Type A and Type B configurations, along with UN-certified options, offering reliable solutions for a wide range of bulk material handling applications.



Cross Corner Loop



Plain Bottom



Bottle Shaped Top & Bottom



Spout With Conical Top

Our Manufacturing Process

Crafting Quality, Step by Step

Extrusion

The extrusion process is the initial stage of production, where a homogeneous blend of virgin polypropylene (PP) granules is compounded with controlled quantities of calcium carbonate filler, ultraviolet (UV) stabilizers, and optional color masterbatch. The mixture is thermally plasticized and extruded through a flat die to produce tapes with tightly controlled width and thickness specifications.

These extruded tapes are subsequently quenched, slit, and oriented to enhance molecular alignment, thereby defining the tensile strength, elongation, and overall mechanical performance of the material. The finished tapes are then wound under controlled tension onto industrial bobbins for downstream weaving.



Weaving



The oriented polypropylene tapes produced during extrusion are mounted onto circular looms, where they are interlaced in warp and weft configurations to form woven polypropylene fabric.

Loom parameters such as tape density, weave pattern, and tension control are carefully regulated to achieve the required fabric strength, dimensional stability, and load-bearing capacity for bulk bag applications.

The resulting fabric exhibits high strength and tear resistance, making it suitable for transporting a wide range of industrial materials.

Webbing

During the webbing stage, high-denier polypropylene tapes are processed into woven webbing specifically designed for load-bearing applications.

These tapes are interlaced on narrow-fabric looms to produce webbing with enhanced tensile strength, abrasion resistance, and dimensional stability.



Cutting



During the cutting stage, rolls of woven polypropylene fabric are fed into automated cutting and slitting equipment, where they are trimmed into panels with predefined dimensions and geometries.

Cutting parameters are programmed according to the specific bag configuration, determining whether side panels, base panels, or tubular constructions are required.

Printing

If a customer has a brand name or logo that they would like printed on the bags, the printing process is carried out at this stage.

Depending on the brand requirements, an assortment of colours may be used. For high-quality impressions, a heavy-duty printing machine is used for this process.



Sewing



At this stage, the various components that comprise the bulk bag—including square and rectangular polypropylene fabric panels and the heavier lifting-loop strips—are assembled using industrial sewing machines.

Bulk bags are sewn together by trained operators under the supervision of experienced personnel. Each seam must be straight, tight, and secure, with no excess material or defects along the sides or bottom seams.

Inspection

Once the bulk bags have been sewn, each bag is inspected by the quality control team.

The purpose is to ensure that each bag meets the required standards of strength and durability for the intended product application.



Liner Extrusion



The liner extrusion facility produces high-quality polyethylene liners designed to provide reliable protection and product integrity for FIBC. We offer liners in various thicknesses and sizes to suit different packaging requirements, ensuring excellent strength, flexibility, and leak resistance.

Packing

Our FIBCs are carefully packed in bales or pallets as per customer requirements. Secure packing ensures safe handling, storage, and transportation while maintaining product quality.



At SDR Polymers, quality is built into every stage of our manufacturing process — from raw material selection to final packing and dispatch. Our quality assurance system is designed to deliver consistent product performance, dimensional accuracy, durability, and reliability across every FIBC we manufacture. We follow controlled manufacturing processes and defined quality parameters throughout production. High-quality polypropylene raw materials are carefully selected and monitored to ensure consistency in fabric strength and product performance.

Our quality team works closely with production to monitor critical parameters at every stage, including extrusion, weaving, webbing, cutting, printing, stitching, liner production, and final inspection. Every FIBC is manufactured according to approved customer specifications and applicable quality requirements. Our focus is on maintaining consistency from batch to batch while ensuring that the finished product meets the agreed technical specifications.

Our Quality Focus



Controlled Raw Material Selection

Selection and monitoring of polypropylene and other materials according to approved specifications.



Process Control

Monitoring critical parameters throughout the manufacturing process.



Product Consistency

Maintaining uniform dimensions, construction, workmanship, and performance.



Specification Compliance

Manufacturing according to approved customer specifications and applicable standards.



Traceability

Maintaining appropriate production and quality records to support effective monitoring and traceability.



Final Quality Assurance

Inspection and approval of finished products before packing and dispatch.

Uses And Applications

Bulk Packaging For Every Industry



01



CHEMICAL INDUSTRY

Used for handling and transporting chemical powders, granules, resins, pigments, and industrial additives.



02



AGRICULTURE & BULK COMMODITIES

Suitable for bulk handling of agricultural materials, grains, animal feed, seeds, starch and related products



03



FINE CHEMICALS & INDUSTRIAL POWDERS

Bulk packaging solutions for pharmaceutical raw materials, fine chemicals, and industrial powders, subject to customer requirements,



04



MINERALS & MINING

Ideal for minerals, ores, sand, silica and industrial powders

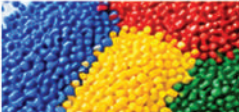


05



CONSTRUCTION

Used for bulk transportation of cement, mortar, building additives, dry construction materials, and related products.



06



PLASTICS & POLYMERS

Efficient packaging for plastic granules, polymer pellets, compounds, and recycled materials.



07



PETROCHEMICALS

For safe handling of petrochemical products, polymer raw materials, granules, industrial compounds.



08



WASTE & RECYCLING

Suitable for collecting and transporting recyclable waste, plastic waste, industrial waste, and process waste.

One Bag Multiple Possibilities

What Our Clients Say Real Partners. Genuine Feedback



“

Dear Sir/Madam,

I am writing to highly recommend the services of our key FIBC supplier, SDR Polymers Pvt. Ltd. We are a Big Bag trader in the UK region, and it has been a pleasure working with SDR Polymers Pvt. Ltd. They are highly professional, detail-oriented, organised, and always open to constructive feedback, making our business relationship smooth and reliable. Our company imports specialised and customised FIBCs from SDR Polymers Pvt. Ltd. on a regular monthly basis, and we are extremely confident in both the premium quality of their Big Bags and their commitment to timely deliveries. Their manufacturing facility is well-equipped with state-of-the-art infrastructure, including Lohia circular looms and all necessary machinery ranging from extrusion to final finishing of FIBCs. We consistently rely on their technical support whenever required, and they are always cooperative in meeting our specifications and operational needs. We have maintained a strong collaboration with SDR Polymers Pvt. Ltd. since the beginning of 2026, and we look forward to continuing this successful partnership for many years ahead.



Carl J Parker
Group Managing Director, Fall-Pac
United Kingdom

“

Dear Sir/Madam,

We are pleased to highly recommend SDR Polymers Pvt. Ltd. as a reliable and professional supplier of high-quality Cement FIBC Big Bags. At ARGOS, we have been regularly sourcing Cement Big Bags from SDR Polymers Pvt. Ltd., and we are satisfied with the quality, consistency, and performance of their products. The supplied FIBC bags are manufactured with excellent workmanship using high-quality UV-stabilized polypropylene fabric, ensuring durability and safe handling during transportation and storage of cement materials. The bags supplied to us are designed with strong lifting loops, dustproof stitching, reinforced seams, and LDPE liners for moisture protection, making them highly suitable for cement and construction material applications. The bags consistently maintain proper SWL standards along with reliable Safety Factors of 5:1 and 6:1 as per industrial requirements. Their bags also demonstrate excellent stackability, dimensional stability, and loading performance during container stuffing and unloading operations. SDR Polymers Pvt. Ltd. operates a well-equipped manufacturing facility with modern extrusion lines, Lohia circular looms, and complete finishing infrastructure, enabling them to maintain consistent production quality across shipments. Their technical team is highly cooperative and responsive toward customized specifications and operational requirements. We particularly appreciate their commitment to timely deliveries, professional communication, and consistent product quality.



VENSUR N.V.
ARGOS
South America



A Cleaner Tomorrow Together

At **SDR Polymers**, sustainability is more than a commitment - it's part of our purpose. We design and manufacture FIBC bags that support your business while helping to build a cleaner, greener future.

Our Sustainability Focus



Recyclable Materials



Efficient Resource Use



Lower Carbon Footprint



Longer Product Life



Responsible Manufacturing



Supporting a Greener Future



Packaging Solutions that Deliver Worldwide

From standard bulk bags to specialized and UN-certified FIBC solutions, we manufacture packaging engineered for strength, safety, reliability, and performance.

Proud Members of



CANADA

USA

UK

EUROPE

RUSSIA

CHINA

JAPAN

TUTICORIN
INDIA

SOUTH
AMERICA

AUSTRALIA

NEW
ZEALAND



FIBC Bags



Type A



Type B



Custom Solutions



**Quality You
can Trust**



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