



VIRGO
POLYMER
(INDIA) LTD

Think
BIG!
Think
VIRGO

SPECIALIST IN
BIG BAG SOLUTIONS



REDEFINING SODA ASH PACKAGING

Securing Safety & Amplifying Efficiency with Big Bags



THE POWER OF VIRGO BIG BAGS — IN THE —

SODA ASH INDUSTRY

Soda ash, an essential raw material in many industries – especially the automobile and construction sectors, requires specialized handling and packaging to maintain its quality and integrity. Its production trends also provide a qualitative measure of near-term economic activity, underlining its status as more than just an industry component; it's a signal for the economic health of a nation. Meeting the packaging needs of this critical material is where Virgo Big Bags step in, offering bespoke solutions engineered specifically for the unique requirements of the Soda Ash industry.

Virgo Big Bags' robust construction withstands heavy loads, and their dust-proof design safeguards the soda ash, minimizing loss during transit. Their generous capacity enhances operational efficiency, reducing the need for multiple smaller bags and associated labour costs.

With safety at their core, Virgo Big Bags facilitate easy handling, lowering the risk of workplace injuries. Their secure containment system further mitigates spillage risks, promoting a safer, cleaner working environment.

In a world increasingly attuned to environmental consciousness, Virgo Big Bags stand tall. Designed for reusability and recyclability, they significantly reduce waste output, aiding your company's alignment with green initiatives.

Navigating the complex dynamics of the Soda Ash industry, Virgo Big Bags offer an innovative, comprehensive solution that harmoniously integrates safety, efficiency, cost-effectiveness, and sustainability.



**VIRGO
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(INDIA) LTD
ISO 9001 : 2015**



Virgo Polymer, your trusted expert in Big Bag solutions, has carved a niche in the industry over nearly four decades. As a distinguished member of the International Flexible Intermediate Bulk Container Association (IFBCA), we have continually maintained our commitment to quality and innovation since our establishment in 1985. Our quality standards are endorsed by our ISO 9001:2015 certification, reinforcing our position as a leading manufacturer, setting unmatched standards for quality and reliability.

We pride ourselves on understanding the unique requirements of the Soda Ash industry, delivering robust, durable Big Bags meticulously designed to withstand its rigorous demands. Our commitment to exceeding expectations never wavers, as we offer bags that go beyond the highest standards of strength, durability, and performance. By incorporating cutting-edge manufacturing techniques and premium-grade materials, our bags offer unparalleled protection for your valuable products.

Based in Chennai, Tamil Nadu, Virgo Polymer has evolved into a global supplier of FIBC bags, demonstrating a profound understanding of your Big Bag needs. By combining our vast experience with globally-recognized certifications, we're emerging as a benchmark in the industry. Your choice to partner with Virgo Polymer assures a blend of quality, innovation, and unparalleled service.

**WHY
CHOOSE
VIRGO?**



EFFICIENT TEAM



SPECIALIST IN MANUFACTURING

TYPE A NON-FOOD GRADE FIBC



EXCELLENT SERVICE



PRODUCTION CAPACITY

500 TONS PER MONTH



QUALITY PRODUCTS

..... CATERS TO

**DOMESTIC MARKET
PAN-INDIA**

**INTERNATIONAL MARKET
10 COUNTRIES ACROSS
4 CONTINENTS**

**LOCATED IN A PORT CITY, WE TAKE ADVANTAGE
OF FAST SHIPMENTS & COST-EFFECTIVENESS IN
DELIVERING OUR PRODUCTS**



THE PILLARS OF PRODUCTION

Our State-of-the-Art Manufacturing Infrastructure



EXTRUSION UNIT



WEAVING CIRCULAR LOOM



FABRIC ROLL READY FOR BAG MAKING



PRINTING MACHINES



STITCHING & SEWING UNIT



STITCHING UNIT



BELT CUTTING MACHINE



BAG CLEANING IN PROGRESS



BALING PRESS MACHINES



GOODS READY FOR DISPATCH

QUALITY ASSURANCE IN EVERY BAG

Our Dedication to Stringent Quality Assurance Processes



Tensile Testing Machine



Weathering Testing Machine



Load Testing machine

COMMITMENT TO SUSTAINABILITY RESPONSIBLE MANUFACTURING PRACTICES

Efficient Storage & Transportation

We prioritize eco-friendly processes and materials, minimizing our carbon footprint and promoting a greener future. Our infrastructure incorporates energy-efficient technologies, waste reduction measures, and recycling initiatives to ensure responsible manufacturing.

With Virgo, you can trust that your products are being produced with a focus on sustainability and environmental responsibility.



QUALITY ASSURANCE IN EVERY BAG

Exceptional Quality, Customized Solutions for Your Specialty Soda Ash Needs

Our Big Bags, specifically engineered for the Soda Ash industry, are a synthesis of robust design, cutting-edge materials, and innovative construction techniques. Made from 100% Virgin PP or with a 30% RP variant for the UK market, these woven bags are designed to safely store and transport heavy loads. Their hallmark features include a single layer with an extra loose or laminated layer, an optional PE liner or barrier liner, and a thickness of woven polypropylene that significantly enhances the bag's weight-bearing capacity. We also offer a coated or uncoated variety and can customize these bags as per your unique requirements.

Meticulously tested at various stages of production to ensure adherence to stringent industrial standards, our Big Bags offer a cost-effective solution that doesn't compromise on strength, weather resistance, and durability.

Harness Superior Storage and Transportation Capabilities with our Expertly Engineered Big Bags.

WHY CHOOSE VIRGO SODA ASH BIG BAGS

Custom-Engineered Design

Enhanced Weight-Bearing

Robust Material

Protective Features

High Load Capacity

Tested Quality

Adaptability

Cost-effective

IN-DEPTH SPECIFICATIONS

The provided specifications are generally applicable to a variety of FIBC (Flexible Intermediate Bulk Container) bags, including those designed for Soda Ash. However, specifics might differ based on the unique requirements of Soda Ash transportation. You might want to consult with your technical team or product engineers for the most accurate and detailed specifications.

For instance, Soda Ash has a specific gravity typically around 0.9-1.0. This information could influence the choice of SWL/Capacity, fabric weight, or even bag size to ensure safe and efficient transport. Similarly, Soda Ash is a hygroscopic material, so the bags might need specific liners or covers to prevent moisture absorption.

INFORMATION	DESCRIPTION	INFORMATION	DESCRIPTION
Production Name	FIBC Bags / Jumbo Bags / Big Bags / T on Big Bags / Big PP Woven Bags	Material	100% Virgin PP OR with a 30% RP Variant for UK market
Bag Type	Type A FIBC	SWL / Capacity	Customized based on Soda Ash specific gravity
Bag Construction	4-panel / U-panel / Circular / Tubular / Rectangular Shape	Fabric Weight	Customized to safely carry Soda Ash loads
Fabric Colour	White, Black, Beige, Blue OR as Customized	Lifting Loops	2 OR 4 Belts / Cross Corner Loop / Double Stevedore Loop / Side-seam Loop
	1 OR 2 around the Bag Body OR as Customized	Bag Regular Size	Customized based on Soda Ash volume and weight
	Full Open / Filling Spout / Skirt Cover	Bottom	Flat Bottom / Discharge Spout / Full Open
Inside Liner	Customized to prevent Soda Ash from moisture absorption	Sewing	Plain / Chain / Chain lock with optional soft-proof
Printing	Available (5Colour)	Document Pocket	Yes / No
Characteristic Features	Breathable and Airy, Anti-static, Shock Resistant, Conductive, UV Stabilization, Reinforcement, Dust-Proof, Moisture-Proof, Recyclable, Disposable	Safe Factor	3:1/5:1/6:1 OR customized
Packing Detail	10Pcs Bundle (bale), 20Pcs Bundle (bale) OR On Pallet as Customized		

FIBC BAG CONSTRUCTION

LIFTING LOOP OPTIONS



4 LOOP IN THE CORNER



CROSS CORNER LOOPS



1 AND 2 LOOPS



TUNNEL LOOPS



STEVEDORE LOOPS



LOOPS ON THE BOTTOM (OPTIONAL)

TOP INLET OPTIONS

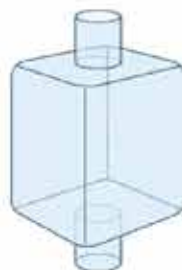


BOTTOM OUTLET OPTIONS

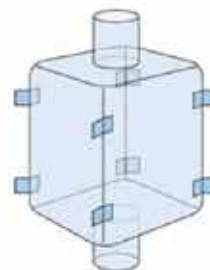


**Big Bags With Liners
Perfectly Protect the Goods**

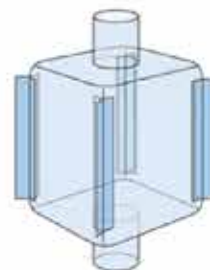
ATTACHING THE INLINER TO THE BIG BAGS



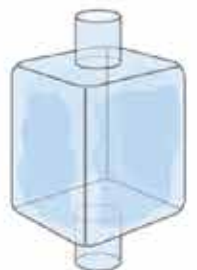
NO ATTACHING



ATTACHING WITH TABS



ATTACHING WITH FLANGERS



ATTACHING WITH GLUE

**BRINGING THE WORLD OF
BIG BAGS TO YOUR DOORSTEP**



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