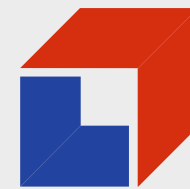


# Fluid **FLEXITANK**

SPECIALIST IN LIQUID LOGISTICS

INNOVATION  
QUALITY  
COMMITMENT



**RishiFIBC**  
SOLUTIONS PVT. LTD.  
[EXPORT ORIENTED UNDERTAKING]

A LEADING NAME IN FLEXITANK LOGISTICS

[www.fluidflexitanks.com](http://www.fluidflexitanks.com)

## RISHI AT GLANCE



### PASSION WITH A PURPOSE

Established in April 2007 on strong foundations and a vision to be the industry leader, RishiFIBC Solutions Pvt.Ltd. today is a leading FIBC & Flexitank manufacturer delivering products with global standards of quality. With two fully air conditioned and automated manufacturing facilities spreading over 350,000- sq.ft., RishiFIBC is manufacturing over 7 million FIBCs and 60,000 Flexitanks per annum. RishiFIBC has a global network of agents and distributors including Flexitank professionals who will enable loading and fitting services globally. Today RishiFIBC is Asia's most modern and fully integrated FIBC and Flexitank Manufacturing facility delivering it's quality products to more than 36 countries globally.

#### Vision

To be a leading global Flexitank operator with World-class services

#### Mission

To be an excellent liquid packaging manufacturer that emphasize on quality, responsibility and customer care



# LEADERSHIP THROUGH TEAMWORK

ARVIND NOPANY  
Managing Director



When it comes to industrial packaging, customers across the globe expect the highest quality of services and products conforming to international standards. It is our unfaltering focus at RishiFIBC to deliver this very quality to our customers; which is why we have partnered industry leaders from across the globe to provide them with world class solutions. We have been reward for this level of commitment with trust of our customers, who count on us to deliver the best, always. RishiFIBC is striving to excellence through the visionary guidance of pioneers.

JOSEPH FRAN SIS  
Executive Director & CEO



## ATTITUDE OF EXCELLENCE

Perfections comes not from doing extra ordinary things, but by doing things extraordinarily well. Our people, our processes and our innovations work towards continuously improving the quality and on time delivery of products. The highly qualified production and marketing team at RishiFIBC is one of the industry's best with collective experience of over 230 years and exudes an enthusiastic and optimistic attitude. This has resulted in high productivity levels, shorter production schedules and as a result, greater customer delight.






## RELIABLE & RESPONSIBLE MANUFACTURER

Our manufacturing facilities are located in Vadodara and Mysore in India. We conduct in-house quality control and perform vigorous product testing in a controlled environment using advanced test equipments including ultrasonic leak detector. In addition to being ISO 9001, ISO 14001, ISO 22000, Halal and Kosher certified, our Flexitanks also comply with the Container Owners Association's(COA) 'Flexitank code of Practice' and PAS 1008 guidelines. Our factory is specially designed to manufacture food and pharma grade Flexitanks.

### DELIVERING ONLY THE BEST

A graphic showing two arrows hitting the bullseye of a target, symbolizing precision and quality.

Our Flexitanks have successfully undergone rail impact tests conducted by Association of American Railroads(AAR) in US. The Flexitanks withstood the force of multiple impacts that are routinely endured during handling and transportation. Customers will be assured of the safety and integrity of their cargo when using our Flexitanks.

We also subject our critical component parts to specific laboratory tests such as melt flow rate (MFR) and Thermo Mechanical Analysis (TMA) to ensure the quality of our products.

We work continuously with world's leading industrial research institutes via technical consultations and product development evaluations to assure our products are of the highest standard achievable



# FLUID FLEXITANK



Our Flexitank are fabricated from FDA approved virgin Polyethylene and Polypropylene which are suitable for a wide range of food grade & non-hazardous liquid cargos

## Fluid tank (Standard)

20' bulk container liner made from 4 layers of 125 micron Polyethylene sewn into a woven polypropylene outer with a capacity ranging from 16,000 Ltr. to 24,000 Ltr. is our standard Fluid Flexitank

## Heating Pad

The need for an efficient heater pad arises when the product, which started off as a liquid needs to be brought back to a liquid state upon reaching its designated destination. We manufacture various types of heater pads to suit this requirements.



## Insulation Liner

We manufacture insulation liner to reduce the rate of temperature fluctuation enabling product to retain their original characteristics as much as possible.



# RELIABLE & RESPONSIBLE MANUFACTURER

## WHY FLEXITANK ?

- Simply the better option to move liquid cargo cost effectively
- More economical and efficient
- Easy availability and reduced handling, packing and material management cost
- In the same 20 ft. container, a Flexitank can load 40% more cargo compared to conventional liquid logistics.
- Easy to transport and no cleaning cost as in the case of isotanks
- Very quick and simple fitting procedures saving time and money.
- All Flexitank components are FDA approved
- Environmental friendly and easily recyclable



## LOSS & RISK MANAGEMENT

Whilst we take exceptional care and precaution to avoid any defect or incident, our products and services are covered with combined product and public liability insurance amounting to USD 5 million from one single Underwriter.

We strongly recommend cargo owners to have marine cargo insurance which protects them from loss arising from factors not related to product defects such as rough handling or accidents during transportation. We provide marine cargo insurance from the same underwriter that would facilitate the claim process and all incidents would be attended to promptly and with minimum fuss.

We deliver solutions with the interest of our associates, customers and the public at large in our mind. We ensure that our customers are able to experience trust, protection and peace of mind while using our products and services



# FLEXITANK CONSTRUCTION

## PP Woven Fabric

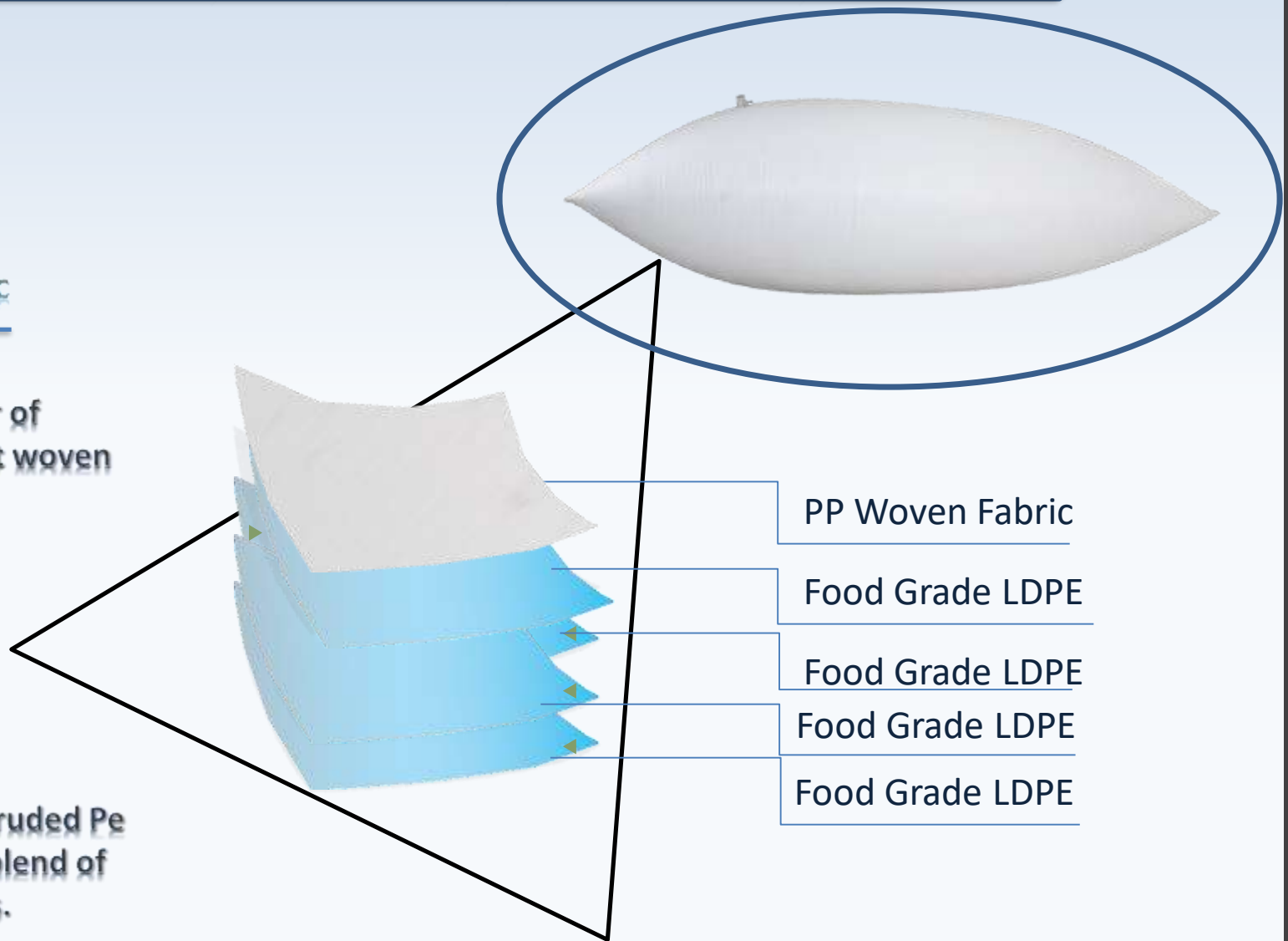
210 GSM

Made with 1 layer of heat/UV resistant woven fabric

## PE Liner

125 Micron

4 Layers of coextruded Pe film made from blend of food grade resins.





# TECHNICAL DATA

NAME	ITEMS		TESTING STANDARD	VALUE
LDPE LINER	Thickness ( $\mu$ )		ASTM	125
	Tensile(Mpa)	TD	ASTM D 882	35
	Tensile(Mpa)	MD	ASTM D882	30
	Elongation	TD	ASTM D 882	> 650%
	C 3	MD	ASTM D1709	<.25
Oxygen transmission rate:				
EVOH LINER	Thickness C $\mu$ m 3		ASTM	100
	Tensile(Mpa)	TD	ASTM D882	24
	Tensile(Mpa)	MD	ASTM D 882	24
	Elongation	TD	ASTM D882	>255%
	C 3	MD	ASTM D1709	
Oxygen transmission rate: 1.0 cc/m <sup>2</sup> /day				
AL FOIL	Thickness C $\mu$ m		ASTM	112
	Tensile	TD	ASTM	
	Strength(Mpa)	MD	ASTM	
	Elongation	TD	ASTM	
	C 3	MD	ASTM	
Oxygen transmission rate: 0.5 cc/m <sup>2</sup> /day				





# BALL VALVE

## SPECIFICATION

**Inlet: 3"**

**Material: Polypropylene**

**Pressure: 4 Bar/30 Sec**

**Temperature: 60-70°C**

**Sealing Ring: Butyronitrile**

**Flange Diameter:190 mm**

**Bolted flange Design:8 pieces of 8 mm diameter stainless steel.**



# AIR VENT SYSTEM



## SPECIFICATION

Valve Size: 1 inch  
Exhaust Pressure: 2-4 kpa

VALVE  
Polypropylene



FLANGE  
Nylon



# HEATERPAD SYSTEM

## SPECIFICATION

Inlet and Outlet:	1 unit
Dimension: Inner	12.7 mm
Dimension: Outer	16.8 mm
Dimension: Hose Length:	57 m
Working Pressure:	<1.5 bar
Temperature Range:	< 140 C
HEAT Source:	Steam



# COMPATIBLE FLUIDS

Fluid Flexitank is food and pharmaceutical grade approved and suitable for the carriage of most type of non - hazardous and food grade liquids.

## FOOD PRODUCTS

Animal Oils	Olive oil
Coconut Oil	Palm Oils / Fats
Corn Oil	Peanut Oil
Dark Soy Sauce	Rice Bran Oil
Egg - liquid	Sauces
Emulsifier	Soya Bean Oil
Fish Oil/ Sauce	Molasses
Fruit Juices	Syrup
Glucose	Vegetable Oils
Jam	Water

## INDUSTRIAL & CHEMICAL PRODUCTS

Ammonium Thiosulphate	Multigrade Mineral Lubricants
Adhesive / White Glue	Multigrade Motorcycle Lubricants
Base Oils	Monograde Mineral Lubricants
Biodiesel / Methyl Ester	Natural Latex
Castor Oil	Optical Brightener
Detergents	Pharmaceutical Ingredients
Emulsions	Plasticizers (limited)
Glycerine (crude/refined)	Polyol
Glycol	Silicate Binder
Fatty Acids/Alcohols	Surfactant
Furnace Oil	Synthetic Latex
Hair Shampoos	tail Oil fatty Acid
Lanolin	Transformer Oil
Lube Oils	Water Based Paints
Mineral Oils	White Oils





## ENVIRONMENTAL SUSTAINABILITY

Environmental preservation and green Logistics have now become a global initiative and ought to be given adequate attention and concrete actions taken to manage our carbon footprint.

Rishi FIBC Solutions Pvt.Ltd. being a responsible liquid packaging manufacturer, ensures our Fexitanks:

- does not contaminate the environment
- are recyclable



## EMERGENCY RESPONSE POLICY

Our efficient and well trained Emergency Response Team is On Call 24/7 and provide emergency response services upon request in all major locations we operate. We work with established worldwide insurance adjusters who act as independent surveyor and will attend promptly whenever and wherever an incident is being reported.

You can reach the emergency response team through

Email : [flexitank@rishifibc.com](mailto:flexitank@rishifibc.com)



**EMERGENCY  
RESPONSE**



**RishiFIBC**  
SOLUTIONS PVT. LTD.  
[EXPORT ORIENTED UNDERTAKING]

GLOBAL NETWORK

LOCAL EXPERTISE



**CORPORATE OFFICE**

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CIN: U25209GJ2007PTC049943  
e-mail: mail@rishifibc.com  
url: www.rishifibc.com

**Factory & Marketing Office:**

Survey # 70/1(P), 70/2, 71/1(P), 71/2(P) & 71/3(P), Thandya Industrial Area,  
Adakanahalli Village, Chikkaiahnachatra Hobli, Nanjangud Taluka,  
Mysore Dist – 571301.  
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