



**BPS Logistics Private Limited**  
**BPS FlexiTank**

**MORE SAFE**  
**MORE ECONOMICAL**



# OUR COMPANY

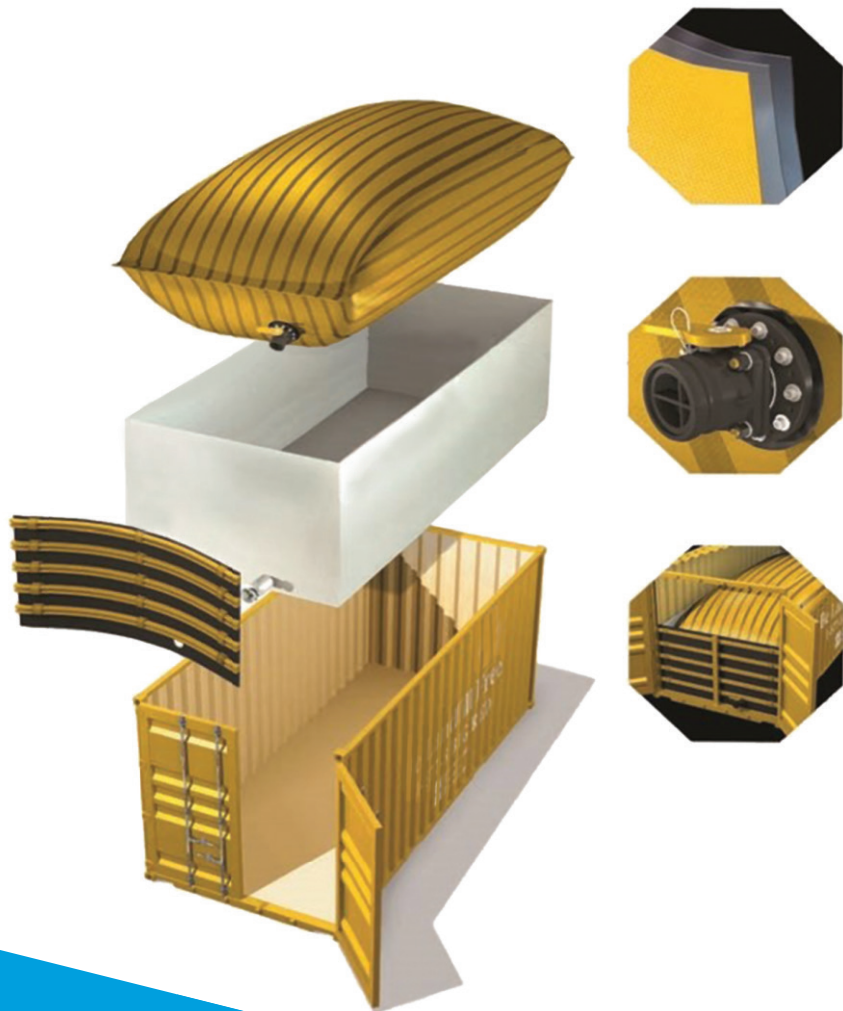
## WORLD CLASS PRODUCTS LOCAL EXPERTISE



Realizing the increasing demand for a more reliable, efficient and cost effective bulk liquid packaging solution for global liquid cargo shipments, 'Bulk Packaging Solutions (BPS)' was founded with a vision to manufacture the 'world's best flexitanks' suitable for even extreme climatic conditions and become a global leader in bulk liquid logistics. BPS have since developed to be the premier flexitank provider in India and Middle East with a growing influence in the global market place. Through its cutting edge design and constant commitment to research and development, BPS continue to deliver superior quality innovative bulk packaging solutions with a significant cost reduction to a wide array of industries dealing in liquid cargo handling. Over the past years, BPS have established a solid base of customers and distributors worldwide. BPS is the designer and manufacturer of innovative BPS FLEXITANKS providing more efficient and affordable packaging solutions to bulk liquid exporters. BPS serves its key customer segments in the Pharma, Petroleum Oil, Palm Oil, Food, Latex and Chemical Industries globally.

At BPS we transport bulk liquid shipments the world over with reliability and consistency that gives our customers peace-of-mind. Our team of logistics professionals takes pride in understanding our customers' business and evaluating the most effective shipment options. Dedication and attention to detail make BPS the logistics partner you can trust for your bulk liquid supply chain. At BPS, we are pleased to confirm our commitment to your business needs, from supplying quality flexitanks and accessories to offering our customers a fully integrated Total- Logistics Solution and complete door - to - door service with strong technical support from our own experienced team in combination with our trained agents / distributors which are strategically placed across the globe.





## WHY BPS FLEXITANK

- ▶ Total Liquid Logistics
- ▶ Flexitanks
- ▶ Bitumen Tanks
- ▶ Tank to Tank
- ▶ Heater Pad
- ▶ Container Liners
- ▶ Liquid Packaging and Storage Solutions

## SIMPLY BETTER OPTION

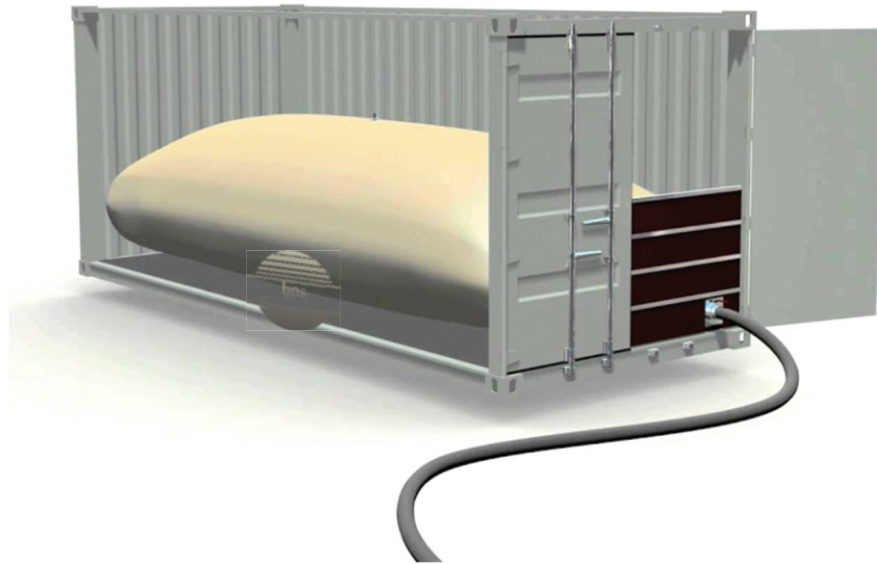
More economical, More efficient, easy to use and easily available. BPS flexitank has become the wiser choice for business in many industries worldwide

# BPS FLEXITANK DESIGN



## ALWAYS STAYING AHEAD

The BPS Composite Bolted Design Flexitank Converts a standard 20- foot sea container into 24 ton bulk liquid transportation system. This food and pharmaceutical grade flexitank is suitable for the carriage of most types of non-hazardous liquids.



BPS Composite Design Flexitank is constructed of two independent food-grade 4-ply co-extruded LDPE tubes and a rugged, abrasion resistant outer woven PP jacket. It is capable of shipping up to 24,000 liters of bulk liquid.

## BPS COMPOSITE BOLTED DESIGN FLEXITANK FOOD-GRADE STAINLESS STEEL FITTINGS

BPS Flexitank can also incorporate an optional aluminum foil oxygen and moisture barrier in its design. This feature is unique to BPS Flexitank and provides major benefits for customers who ship products that are oxygen - sensitive, such as wine and highly refined edible oils.

Another major design advantage is the exclusive stainless steel inlet / outlet fitting - shown in the picture. These food - grade stainless steel fittings are blind bolted and torqued into place. It is designed to provide a bottom load and discharge for easy handling.

The stainless steel bolted fittings, the 4-ply co- extruded LDPE and the woven outer jacket as combined in the composite unit are patent applied for' and the strongest in the industry.

### QUALITY:

BPS is dedicated in providing quality product and services that satisfy our customer's needs. Our focus is on continual improvement and innovation of quality products. Due to our policy of continual improvement all specification are subject to change without notice.

### PRODUCT CHANGE:

BPS reserves the right to make design change for the improvement of a product without notice.

# FLEXITANK APPLICATION



BPS Flexitanks is food and pharmaceutical grade and suitable for the carriage of most types of non-hazardous 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	Sugar
Fruit Juices	Syrup
Glucose	Vegetable Oils
Jam	Water

## INDUSTRIAL & CHEMICAL PRODUCTS

Ammonium Thiosulphate	Multigrade Mineral Lubricant
Adhesive / White Glue	Multigrade Motorcycle Lubricants
Base oils	Monograde Mineral Lubricant
Bio Diesel / Methyl Ester	Natural Latex
Castor Oil	Optical Brightener
Detergents	Pharmaceutical Ingredients
Emulsions	Plasticizers (Limited)
Glycerine ( Crude/Refined)	Polyol
Glycol	Silicate Binder
Fatty Acids / Alcohols	Surfactants
Furnace Oil	Synthetic Latex
Hair Shampoos	Tall Oil Fatty Acid
Lanolin	Transformer Oil
Lube oils	Water Based Paints
Mineral Oils	White Oils



# OTHER PRODUCTS



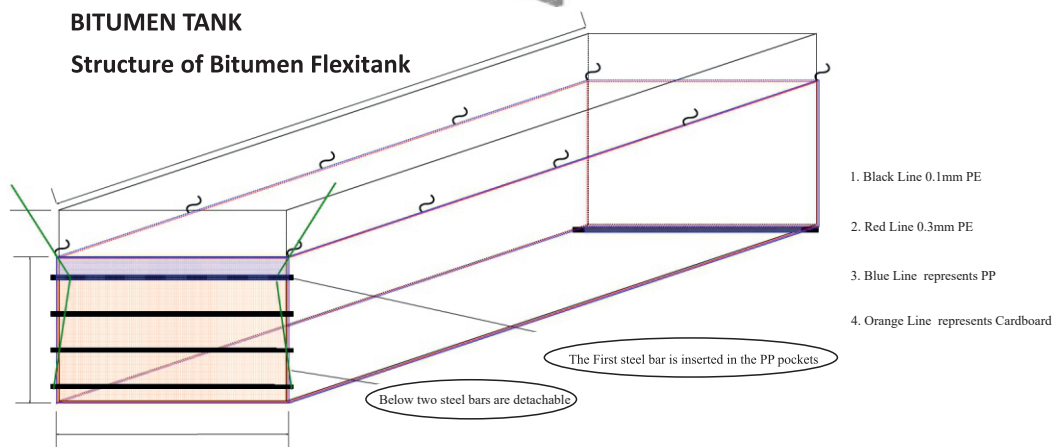
## HIGH TEMPERATURE RESISTANT FLEXITANK

BPS high temperature resistant flexitank with new heat-resistant material technology, is specially designed for bulk liquid cargo with high filling temperature such as bitumen, paraffin wax etc... Compared with general purpose flexitank, BPS high temperature resistant flexitank could withstand 60-130°C filling temperature. Loading temperature of bitumen flexitank can reach up to 130°C



### BITUMEN TANK

#### Structure of Bitumen Flexitank



## SPECIFICATION

INNER FILM:			
MATERIAL: LDPE+LLDPE+M-LLPE			
TEST ITEM	TEST BASIS	TEST RESULT	UNIT
THICKNESS	PAS 1008: 2016	125µm	%
TENSILE STRENGTH	PAS 1008: 2016	HORIZONTAL≥35 VERTICAL≥35	MPA
ELONGATION AT BREAK	PAS 1008: 2016	HORIZONTAL≥800	%
	PAS 1008: 2016	VERTICAL≥800	
MINIMUM OPERATING TEMPERATURE	PAS 1008: 2016	60	°C
MAXIMUM OPERATING TEMPERATURE	PAS 1008: 2016	130	°C
DART IMPACT	PAS 1008: 2016	≥800	G
OUTER FILM:			
MATERIAL: PP/POLYPROPYLENE			
TEST ITEM	TEST BASIS	TEST RESULT	UNIT
WEIGHT	PAS 1008: 2016	177	g/m <sup>2</sup>
LAYER	PAS 1008: 2016	1	LAYER
TENSILE STRENGTH	PAS 1008: 2016	HORIZONTAL≥1600	N/50mm
	PAS 1008: 2016	VERTICAL≥1600	
ELONGATION AT BREAK	PAS 1008: 2016	≥16	%
STITCHING STRENGTH	PAS 1008: 2016	≥800	N/50mm



## PaperIBC for bulk liquid storage and transportation

**BPS PaperIBC** is an effective way for bulk liquid storage and transportation which could replace traditional storages such as steel or plastic drums, returnable totes and bottle-in-cage IBCs. All our PaperIBC went through stringent quality assurance where highest quality standard, safety and hygiene are observed.

The **Paper IBC** is able to carry up to 1000 liters of NON HAZARDOUS products, it reduces filling and discharging time, handling costs and free up storage space while transporting of bulk liquid.

### Dependable:

The heart of the PaperIBC system is the Guardian form fit PE (Poly Ethylene) liner. Guardian liners are manufactured in an ultra clean environment and are constructed of FDA approved materials in our ISO certified manufacturing facility.

The PaperIBC container has passed the stringent ISTA (International Safe Transit Association) vibration and shock tests and met all international quality requirement for intermediate containers. The heavy duty nine ply PaperIBC container is capable of withstanding up to 10,000 lbs of compression force.



### Technical Specifications

Capacity	1000 liters
Dimensions	1090mm x 1090mm x 1120mm (43" x 43" x 45")
Thickness	45mm
Outer Dimensions	1100mm x 1100mm (44" x 44")
Net WeightApprox	35kg (77lbs - without pallet)

### Economical:

Unlike 55 gallon drums and other IBCs, there are no cleaning expenses or return freight costs associated with the PaperIBC and there is significantly less storage space required to inventory the containers and less freight expense to initially receive the containers.

- 80% less storage space is required for unassembled PaperIBCs
- No cleaning or disposal costs and no return freight expense is incurred using PaperIBCs.

### Environmentally Responsible:

The PaperIBC is constructed of a renewable resource and is completely recyclable. BPS

PaperIBC is:

- Biodegradable
- Recyclable
- Waste-to-energy efficient.

# CONTAINER LINERS



## WOVEN PP/PE CONTAINER LINERS

We have a wide range of designs of PE/PP woven container liners which is commonly used in petrochemical industries, chemical industries and in many food grade applications. Woven PP/PE Container Liners are the general liners used for the bulk transportation of materials globally.

These liners come with generally two compositions woven polypropylene liners or woven polyethylene liners. Container liners are generally available in 20', 40' and 40' HC sizes. Apart from this there are customized dimensions like 23', 30', 45' and 54' length liners according to their container availability



# STANDARD / MALT LINERS

These are general-purpose liners used as the most economic transportation solution. It is commonly used in malt industries and other chemical industries where the customer requires low value packaging medium with less handling cost for their bulk transportation. The common filling and discharging options are

Wide open zipper filling with conical discharge.  
Filling spout, discharge spout and ventilation spout

These liners generally comes with 240 X240 X590 cm dimension for 20' liners and 240 X 240 X 1200 cm for 40' GP containers and 240 X265 X1200 cm for 40' HC containers.

Zipper panel filling is used where the conveyor loading or belt thrower loading system is used for filling the liners. Spouts with various diameter is used for pneumatic loading .

The discharging is done with gravity dumping or vacuum sucking. The discharging options will be spouts, conical spouts, fish tail discharge and also triangular discharge.

Apart from loading and unloading, the liners comes with other accessories like ventilation spout, inspection windows, hanging points, bar sleeves, bar loops etc..

There are metal accessories used in some liners which is used for the ease of installation like carabiner hooks, cam buckles, metal rings, metal braces etc..



# BARLESS WOVEN LINERS



These are the premium container liners which are specifically designed to eliminate the cost of metal bars. The Barless liners can be of liners with baffles or liners without baffles. Liners without baffles are made with extra horizontal straps to protect the cargo which are commonly used for transportation of coffee beans, rice, maize etc. Though these liners are not the safest, they are more economical compared to baffled liners.

These liners comes with 20', 40' and 40' HC sizes.

The normal dimension will be 240 X240 X575 cm for 20' liners and 240 X240 X1175 cm for 40' liners.

The loading, discharging and the other accessories are common for standard and barless liners.



## LDPE FILM CONTAINER LINERS

These are of more hygienic and moisture free bulk packaging solution which are generally used for the packaging of specialty polymers, food grains, and for special chemicals. These Liners come with the body of Polyethylene film and a bulk head of either polyethylene film or polypropylene woven fabric. Due to its raw material characteristics, these liners are more hygienic compared to woven liners. We are offering a special design to our customers for the transportation of product which is hygroscopic in nature. Due to its character of absorbing the moisture content from the atmosphere, these materials are very difficult to get discharged from the container when it is loaded in bulk. So, we are offering a fluidizing pipe system along with the liner to facilitate an extra pressure with compressed air fed through the pipes to have easy discharge of material from the liner.

The size of these liners are also same as that of standard woven liners.

The bulkhead for this liners will be normally made of higher GSM PP fabric and sometimes with thicker PE film also.

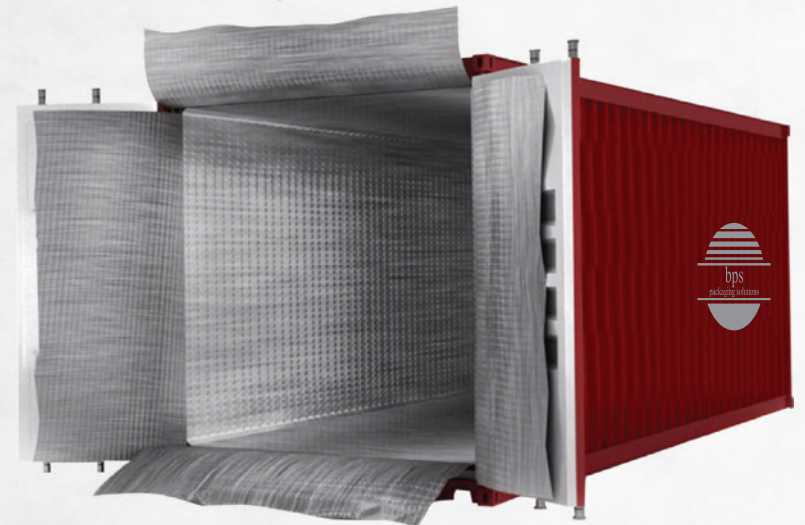
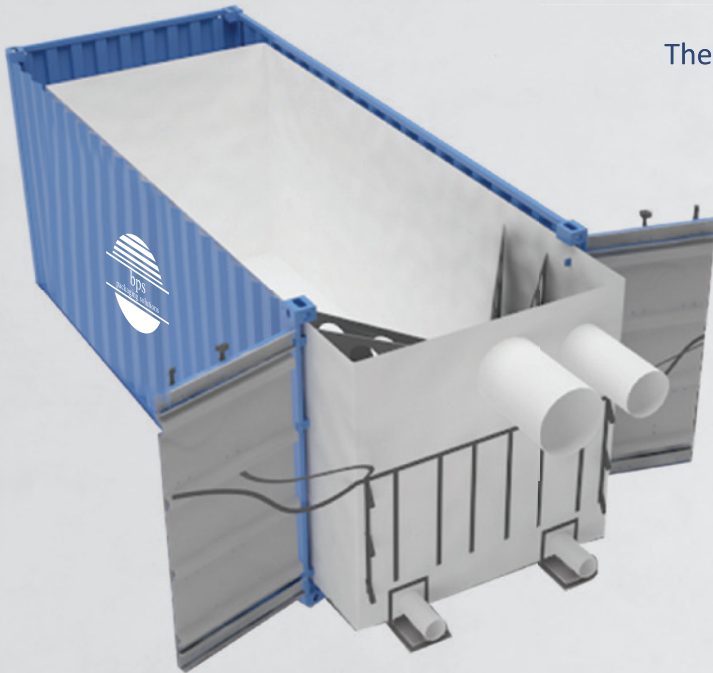
# DRIVE IN LINERS



These are used for the transportation of animal hides, fish meals and other obnoxious or caustic commodities. These are generally standard liners with open top designs. These are normally low cost liners and are used to protect the hygiene of the containers.

These liners comes with 20' and 40' dimension.

The wall height of the liner will be full height, half height or sometimes 3/4<sup>th</sup> height of the container.



# THERMAL LINERS

These are the liners made of barrier laminates. Normally these laminates are of 5 layers or 3 layers and the outer layer will be of aluminum foils. These liners are mostly used for packaging and transportation of such products which are sensitive to temperature variations for example fruit pulps, wine etc... As the liners are made of aluminum foil laminates which are thermal barriers, this will maintain the inside temperature fluctuation within 3 degree Celsius

These liners comes with 20', 40', and 40' HC sizes.

# DUNNAGE BAGS

Certified quality & Reliable customer service



## Benefits using BPS Overseas Dunnage Bags or Dunnage Air Bags

**Economical** : Our Bags provide superior savings when compared to other wood blocking and bracing techniques. Your savings can be easily calculated with the cost of freight damage claims.

**Speed** : Our Bags can be used easily with little physical labour within a few minutes.

**Reduction or Elimination of Damages** : Now you can limit your losses cause of damage while shifting loads during shipments. The bags designed and manufactured with our years of experience for various modes of transport will keep your product tightly intact and in place during transit.

**Easy Removal at Destination** : Removing the bags upon arrival is very easy, your customer can easily work on with our bags and remove them without removing wooden bracing from trailer floors or paper and adhesive from the trailer walls.

## Become part of our team. Inviting distributors

What you get in return is fast and unrestricted customer service. Benefit from our production facilities at various locations which allow the duty-free import to almost all countries. Our highly trained team with collective years of experience both in the industry and commercial enterprises to back you up. What we promise is:

- ✓ Duty-free delivery to almost all countries
- ✓ Certified products (AAR certificate) with the highest quality
- ✓ Best prices and fast delivery
- ✓ Excellent customer service
- ✓ Headquarters and management in India



# HEATING PAD



## BPS OPTIONAL REHEATING DEVICE

BPS reheating system enables the carriage of temperature sensitive products that require reheating to be discharged.

Reheat system is designed to provide discharge temperature within 48 hrs.

The reheat system is reusable.

## TOTAL - LOGISTIC SOLUTIONS



## BECAUSE WE UNDERSTAND YOUR NEEDS

At BPS, we are pleased to confirm our commitment to your business needs, from supplying flexitank products to offering our customers a fully integrated Total-Logistics Solution and complete door to doors service with strong flexitank technical support from our own production and R&D facility in India, in combination with our trained agents/ distributors which are strategically placed across the world. Therefore, you can now stay focused on your business while we take care of all your logistic needs. At BPS, we deliver excellence and solutions.



## TANK - TO - TANK SOLUTIONS

Our multimodal capabilities can assist in improving our customer's supply chain through the use of loading flexitank from suppliers storage tank or from a road tanker even at an intermediate location between the refinery and the point of export. We take utmost care while receiving and transferring cargo from shore tank or from road tanker to a flexitank. Our technically qualified and highly trained personnel will ensure no product loss or contamination while transferring cargo from shore tank or road tanker to flexitanks.



## EMERGENCY RESCUE SERVICES

Apart from handling new shipments for our exclusive customers, we also offer following emergency rescue services to any customers.

- Supply of manpower service for fitting and installation of flexitanks
- Supply of heating pad and installation
- Cargo loading and monitoring services
- Supervision and insurance survey for damaged flexitanks
- Emergency Rescue and cargo transfer
- Re-working of damaged or leaking flexitank
- Cross pumping of cargo from road tanker to flexitank

# QUALITY ASSURANCE



BPS Flexitank is available in the market that is triple-tested EACH and EVERY time before it leaves our factory.

01



Each heat seal is tested to 120% of load capacity

02



Each flexitank is ultrasonic tested to be leak proof

03



Each load & discharge fitting is vacuum tested



CONTAINER OWNERS ASSOCIATION

## OUR NETWORK

Sharing Expertise **Extending Opportunities**

BPS has a network of regional offices, agents and distributors with its highly trained personal to better meet the needs of its growing clientele world wide. All personal are equipped to handle all sales, operations and technical concerns to ensure the satisfaction of our customers. BPS is also moving towards globalization and regional manufacturing to constantly improve its competitive performance.



# BPS FlexiTank

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