

Care For The Flowing Value

呵护流动的价值



Bulk Liquid Transport

青岛新卓越包装有限公司

Qingdao BLT Flexitank Solution Co., LTD.

www.bltflexitank.com

FLEXITANK INTRODUCTION

集装箱液袋



集装箱液袋是以集装箱为载体，用来存储、包装、运输散装非危液体货物的新型液体运输方式。Flexitank is a new liquid transportation method that uses containers as carriers to store, package, and transport bulk non-hazardous liquid goods.



袋体
Bag



瓦楞纸
Corrugated paper



门挡
Bulkhead



阀门
Valve



FLEXITANK ADVANTAGE

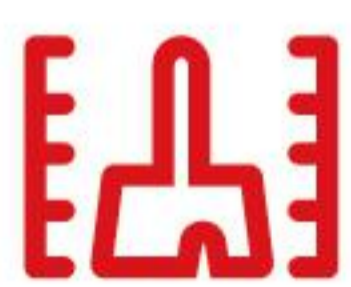
产品优势



成本更低 LOWER COST

集装箱液袋能够最大程度地充分利用集装箱的容量，减少了包装和装卸成本。

Flexitank can make full use of the capacity of the container to the greatest extent and reduce packaging and handling costs.



无需清洁 NO CLEANING REQUIRED

一次性使用的液袋无需清洁或维护，这降低了后续处理的工作和成本。

Single-use flexitanks require no cleaning or maintenance, which reduces the effort and cost of subsequent disposal.



安全可靠 SAFE AND RELIABLE

液袋具有高度密封性，并且您的每条液袋都是全新的，不会造成产品的交叉污染。

Flexitanks are highly sealable, and each of your flexitanks is brand new and will not cause cross-contamination of the product.



装卸便捷 EASY TO USE

液袋的铺装以及货物的装卸操作相对简单，减少了装卸时间，提高了运输效率。

The fitting of flexitanks and the loading and unloading of goods are relatively simple, which improves transportation efficiency.



绿色环保 ENVIRONMENTAL FRIENDLY

液袋使用后可以回收用于塑料原料生产，以降低环境影响并提高可持续性。

After use, flexitanks can be recycled into plastic raw material production to reduce environmental impact and increase sustainability.



运输灵活 FLEXIBLE TRANSPORTATION

集装箱液袋可以通过不同的运输方式（海运、铁路、公路等）装载，联运无需改变包装。

Flexitanks can be loaded by different modes of transportation (shipping, rail, road, etc.), and intermodality does not require changing the packaging.



FOOD-GRADE FLEXITANK

For all kinds of food-grade liquid or slurry liquid transport



BLT self-developed films with barrier, valves and sealing devices ●

High mechanical strength, stretch ability, friction resistance, cold resistance and impact resistance ●

All resins are Dow Chemical and ExxonMobil food-grade materials, which are odorless and pollution-free to the goods. ●

The outer protective layer uses a one-time molded overall PP bag to maximize protection strength. ●

National patented technology and multi-layer product design ensure the safe storage and transportation ●

With BLT automatic exhaust valve(air vent), the air pressure in the flexitank will automatically release when it exceeds 5kPa to ensure safe and secure transport ●

APPLICABLE GOODS

Edible oils(soybean oil, palm oil, corn oil, olive oil, etc.), beverages(wine, concentrated fruit juices, etc.), food additives(food flavorings, colorants, preservatives, etc.), liquid food sources(soybean sauce, vinegar, syrup, etc.), drinking water and other liquid products with food-grade storage and transportation requirements.

SPECIFICATIONS

- Flexitank Sizes: 16~26kL
- Configuration: 2+1, 3+1, 4+1
- Working Temperature Range: -20°C to +60°C
- Carrier: standard 20' container
- Transport Model: inland, marine, railway and intermodal freight transport
- Accessories: food-grade valve, valve stopper plate, double-layer corrugated paper, bulkhead, steel bars or frames, anti-bulging bars





NON-HAZARDOUS CHEMICALS FLEXITANK

The product is widely used in non-hazardous chemical liquid packaging and transportation



The high air tightness effectively prevents leakage and contamination

Special materials and inner film has strong corrosion resistance to ensure that liquid remain stable during transportation

In the meantime, High barrier properties effectively protect chemicals from external environmental factors such as temperature changes and humidity changes, ensuring the product stability and quality

With BLT automatic exhaust valve(air vent), the air pressure in the flexitank will automatically release when it exceeds 5kPa to ensure safe and secure transport

The outer protective layer uses a one-time molded overall PP bag to maximizes protection strength

APPLICABLE GOODS

Base oils(mineral, synthetic, and lubricating oil), glycerine, various types of polymers(latex, polyether, polyols, resins, etc.), surfactants and emulsifiers used in detergents, cleaning products, and personal care goods, adhesives and glues, water-based paints and inks, various grades of glycols and other coolants(propylene glycol or ethylene glycol), liquid fertilizers(urea ammonium nitrate), non-hazardous and non on-toxic chemicals or ingredients used in the pharmaceutical or cosmetic industry.

SPECIFICATIONS

- Flexitank Sizes: 16~26kL
- Configuration: 2+1, 3+1, 4+1
- Working Temperature Range: -20°C to +60°C
- Carrier: standard 20' container
- Transport Model: inland, marine, railway and intermodal freight transport
- Accessories: corrosion-resistant valve, valve stopper plate, double-layer corrugated paper, bulkhead, steel bars or frames, anti-bulging bars





HIGH TEMPERATURE FLEXITANK

Suitable for transporting non-hazardous chemical liquid materials with high temperature and low fluidity



- It can directly contact with liquids, without causing burns to the film, thus avoiding the risk of leakage due to high temperatures during loading and transportation
- The high-temperature-resistant film independently developed by BLT can withstand the high temperature of filling goods and various transportation risks
- The films with special recipe effectively resist chemical reactions that may be caused by high temperature liquids to ensure the quality of loaded product
- With BLT automatic exhaust valve(air vent), the air pressure in the flexitank will automatically release when it exceeds 5kPa to ensure safe and secure transport
- The outer protective layer uses a one-time molded overall PP bag to maximizes protection strength

APPLICABLE GOODS

Bitumen and other non-hazardous chemicals with high filling temperature and low fluidity.

SPECIFICATIONS

- Flexitank Sizes: 16~26kL
- Configuration: 2+1, 3+1, 4+1
- Working Temperature Range: +60 °C to +120 °C
- Carrier: standard 20' container
- Transport Model: inland, marine, railway and intermodal freight transport
- Accessories: high-temperature-resistant valve, valve stopper plate, double-layer corrugated paper, bulkhead, steel bars or frames, anti-bulging bars





FrosFlex

Suitable for low-temperature working environments or the transportation of liquids requiring cold storage



The self-developed 2-layer TPO softening film and unique structural design make flexitank more flexible, effectively resisting brittleness caused by low temperatures

While ensuring softness and overall mechanical strength, abrasion-resistance is enhanced by 52%, preventing flexitank damage and consequent leakage

All components are designed with low-temperature working conditions in mind, offering enhanced protection for flexitank in harsh environments

Advanced heat-sealing technology and high-performance heat-sealing machines ensure that the multi-layer inner lining remains stable in low-temperature environments, preventing cold-weather leakage

The outer protective layer uses a one-time molded overall PP bag to maximize protection strength

APPLICABLE GOODS

Milk, juice, alcoholic beverages, edible oils and non-hazardous chemicals that need to be stored at low temperatures.

SPECIFICATIONS

- Flexitank Sizes: 16~26kL
- Configuration: 4+1
- Working Temperature Range: -30°C to +40°C
- Carrier: reefer containers, standard 20' container(low temperature environment)
- Transport Model: inland, marine, railway and intermodal freight transport
- Accessories: freezing-resistant valve, valve stopper plate, double-layer corrugated paper, wing-guard pp plate sheet bulkhead, frames





TRUCK FLEXITANK

For semi-trailer trucks or other vehicles



Truck flexitank(or trailer flexitank) is a derivative product of container flexitank. It is a new liquid transportation method suitable for inland transportation

It works with various vehicles (agricultural vehicles, pickup trucks, light trucks and heavy trucks) for both short-distance and long-distance transportation of liquids, making liquid transportation more economical, flexible and faster

The 13-meter-high rail semi-trailer truck flexitank can carry 2 set of flexitanks and can carry up to 50kL of cargo in a single transportation.

Compared with traditional liquid packaging such as IBC totes and ISO tanks, truck flexitanks save 50-80% of packaging costs.

Inner layers of the flexitanks are made from food-grade LDPE and the materials are disposable, which are more suitable for food packing requirements.

It saves much labor cost and working time through easy and efficient operations.

APPLICABLE GOODS

Inland transport for food-grade liquids and non-hazardous chemical materials.

SPECIFICATIONS

- Flexitank Sizes: 9~25kL
- Configuration: 3+2, 4+2
- Working Temperature Range: -20°C to +60°C
- Carrier: high-rail semi-trailer trucks, van trucks, etc.
- Transport Model: inland transport
- Complementary Accessories: valves, protective truck flexitank, medium density fiberboard





COMPLEMENTARY ACCESSORIES

Various heating pad accessories for use with 20-foot container flexitanks

STEAM HEATING PAD(RUBBER HOSE Z/ U TYPE)

- Materials: EPDM rubber pipe, galvanized iron pipe
- Size: 5600mmx2250mm
- Applicable Goods: products easy to solidify at low temperatures
- Packing Dimension: 2310mmx500mmx290mm (Lx Wx H)



STEAM HEATING PAD(IRON TUBE)

- Material: galvanized pipe/high temperature resistant hose/insulation felt
- Size: standard 4700mmx2100mm; extended version 5500mmx2100mm
- Applicable Goods: products easy to solidify
- Packing Dimension: 2420mmx220mmx120mm (Lx Wx H)



ELECTRIC HEATING PAD (220V/380V)

- Material: resistance wire/aluminum foil/insulation felt
- Size: 5500mmx(1200mmx2)
- Applicable Goods: products easy to solidify at low temperatures
- Packing Dimension: 1240mmx240mmx240mm (Lx Wx H)



World's Largest Flexitank Manufacturer

以质为本，卓越全球



Bulk Liquid Transport

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