

FLEXTANK information

The Flexitank is a package that is used for the storage and transportation of non-hazardous liquid products and is intended for installation in 20ft ISO shipping containers.

Standard Flexitank is composed of 4 inner layers of food-grade Polyethylene and 1 outer layer of Tubular Woven Polypropylene fabric. The Seamless Tubular PP design removes risk of rupture lengthwise.

Flexitanks in sizes from 14cbm up to 24 cbm in order to maximize the capacity of a heavyweight 20ft container depending on the SG of the product to be carried.

Flexitank will reduce packaging, storage and transportation costs by a sizeable margin. This is due to its relatively low unit cost and the convenience of positioning, speed of loading and efficient exploitation of loading weights.

The 3inch Butterfly valve is fixed firmly into the stainless steel Flange. This improves the safety and removes the risk of leakage from the valve when loading or discharging. The Anti-suction Valve design minimizes residue in flexitank after discharge.

The Stainless Steel Flange design is mechanically fitted to the Flexitank, and guarantees replication of fitting when compared with welded systems.

The specially designed bonnet provides a clean and secure containment area around the valve and is designed to ensure that any seepage or small spillages that might result from filling or discharge do not become incidents during transit.





Heating ventilation:

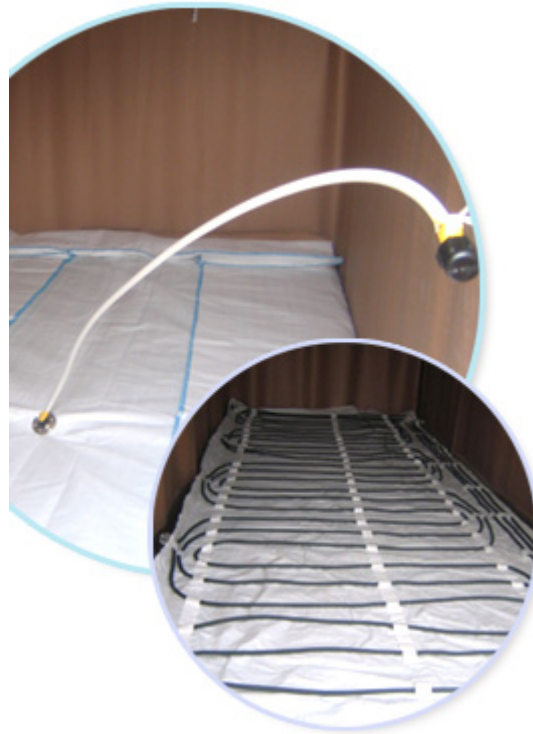
Heating Pad

1 Used for easy crystalized liquid for rapid discharging of cargo

2.Cycle use

Heating Padis designed for:

PALM OIL 、 SUGAR SYRUP、 GLYCERIN、 ANIMAL OIL、 WAXES、 PARAFFIN WAX、
MALT EXTRACT、 COCONUT OIL ect.



Technical description:

Capacity: 14000-24000 14000-24000 liters;

Applicable temperature: 70 °C to 20 °C;

Structure:

1) layer 4 food-grade polyethylene three-lay co-extrusion film, each layer of 0.125 mm thick, translucent;

2) 1 of high-strength ultraabrasion resistant polypropylene woven cloth;

3) 2 inches or 3 inches food-grade butterfly valve;

4) polypropylene flange;

Accessories:

1) 5 a/set ones (2.4X0.05X0.05X0.003 meters);

- 2) 1 (corrugated paper/set (30 meters long);
- 3) the door block, 1 a/set (2.4X1.5 X0.016 meters);

Style:

- 1) coping outfit the material, the top unloading;
- 2) installed at the bottom of the material, the bottom unloading;
- 3) coping outfit at the bottom of the material, unloading;

Safety design:

- 1) polyethylene film takes, avoid effectively in the process of loading and unloading goods leakage and avoid the cargo was pollution;
- 2) heating pad, like honey, syrup, palm oil, animals such as the oil easily crystallized, the goods can choose heating pad;
- 3) the exhaust valve, for some easy fermentation of the goods can choose to vent discharge, timely liquid bag internal overmuch gas;

Advantage of using:

Very Low positioning costs

- No cleaning costs, No disposal costs
- Cost effective and considerably cheaper than tank containers, drums and IBC'S
- Can carry 40% or more cargo than drum and 50% or more than by bottles
- Deliveries are door- to- door • Quick loading compared to drums and IBCs
- Low labour for handling, filling and loading
- No need for forklift to load or unload container
- No need for intermediate bulk storage
- Available in remote areas
- Clean and environmentally friendly
- No risk of contamination

- Low weight of Flexitank-so higher payloads possible
- 20 ft. Container payload 15% higher than IBCs Container payload 44% higher than drums
- No demurrage on Flexitank only on container.No return loads needed

Flexitank Specifications

Fabric weight: 220gsm

Total weight: 790gsm

Tensile strength, weft: 30.5MPa

Tensile strength, warp: 34.8Mpa

Tear strength, weft: 1469N/cm

Tear strength, warp: 1395N/cm

Low temperature flexibility: -10°C

High temperature flexibility: 60°C

Melt point index: 0.8

Elongation MD (ASTM D882): 645%

Elongation TD (ASTM D882): 710%

Certifications

Flexitank is made from films fully compliant with the US FDA regulations notably 21 CFR177.1520 and EU directive 90/128EEC and its various updates. It has also foodgrade approvals from the Chinese and Japanese authorities.

Recommended Use:

Single use flexitank for foodstuff, base oils, edible oils, wine, glycerin, fruit juices, non-hazardous chemicals, latex, and industrial products.

Flexitank Types

Multilayer polyethylene

Single and double layer polyethylene

Barriertanks

PVC

Bottom discharge





Applications:

Food Products	Industrial/Chemicals
Flat Beer	Lube Oils
Animal Oils	Transformer oils
Beer Syrup Concentrate	White Oils
Jam	Silicate Binder
Egg-Liquid	Natural Latex
Fruit juice concentrate	Synthetic Latex
Glucose	Glue
Malt Extract	Glycol
Water	Base Oils
Sauces	Detergents
sugar syrup	Glycerine
Vegetable oil	Adhesive
wine	Emulsions
Corn Oil	Water Based Paints
Olive Oil	Hair Shampoos/Conditioners

Palm Oil	Mineral Oils
Sorbitol	Lanolin
Fish Sauce	Tall Oil Fatty Acid
Milk	Pharmaceutical Ingredients
Dark Soy Sauce	Ti-pure Rutile paper slurry
COCONUT OIL	Optical Brightener
	Biodiesel
	Bituminous
	DOP
	water reducer