



SEAL FLEXITANK

A SEALBOX LOGISTICS INC. BRAND

PRODUCT CATALOGUE

Flexitank Systems & Bulk Liquid Transport Solutions

"We move liquids safely, efficiently, and globally—inside containers."

CERTIFIED • SEALED • DELIVERED

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OVERVIEW

Our Product Range

SEAL FLEXITANK offers a complete portfolio of flexitank systems, designed for different transport modes, liquids, and operating conditions. We design, supply, and support flexitanks for food-grade, industrial, and specialty liquid cargo, combined with full logistics execution from origin to destination.

From vegetable oils and wine to non-hazardous chemicals and industrial liquids, every product in this catalogue is engineered for safety, efficiency, and cost optimization.



A SEAL Flexitank loaded and ready for transport inside a 20ft shipping container.

Quick Specifications

Product	Typical Capacity / Rating	Notes
Standard / Food Grade Flexitank	16,000 – 26,000 L (typical)	Custom sizes available on request
Truck (Highway) Flexitank	14 – 22 m ³	For 13m flatbed trucks
Bitumen Flexitank	Up to 120°C	24-hour settling period after filling
Paper IBC	200 – 950 L	Foldable, fully recyclable
Wine Flexitank	Standard flexitank capacity range	EVOH oxygen-barrier liner

Anatomy of a Flexitank Installation

Every SEAL Flexitank system is built around four core components working together: the flexitank itself, a protective container lining, the steel shipping container, and a bulkhead to secure the load during transit.



Core components of a containerized flexitank installation.

PRODUCT

Standard Flexitank

Application Scope

Suitable for transporting a wide range of non-hazardous liquid chemicals, including lubricating and base oils, transformer and hydraulic oils, glycerin, fatty acids, plasticizers, glycols, detergents, surfactants, resins, fertilizers, latex, and other industrial liquid materials.

Product Features

Engineered with high corrosion resistance and easy filling design. Made with specialized anti-corrosion materials and low-oxygen-permeability valves, ensuring chemical stability and preventing reactions between the cargo and the flexitank — a safe and reliable solution for liquid chemical transportation.



Standard Flexitank installed and ready for loading.

PRODUCT

Food Grade Flexitank

Application Scope

Designed for the safe and efficient transportation of a wide range of food-grade liquids, including wine, edible oils, concentrated fruit juices, food additives, sorbitol, palm oil, soy sauce, rice wine, mineral water, malt extract, and various syrups.

Product Features

Manufactured in certified food-grade production facilities using premium imported food-grade raw materials. The materials are non-reactive and contamination-free, ensuring no secondary pollution of the cargo — guaranteeing the integrity, purity, and quality of the liquid throughout transit, fully compliant with international food safety standards.



Food Grade Flexitank installed inside a standard shipping container.

PRODUCT

Wine Flexitank

Applications

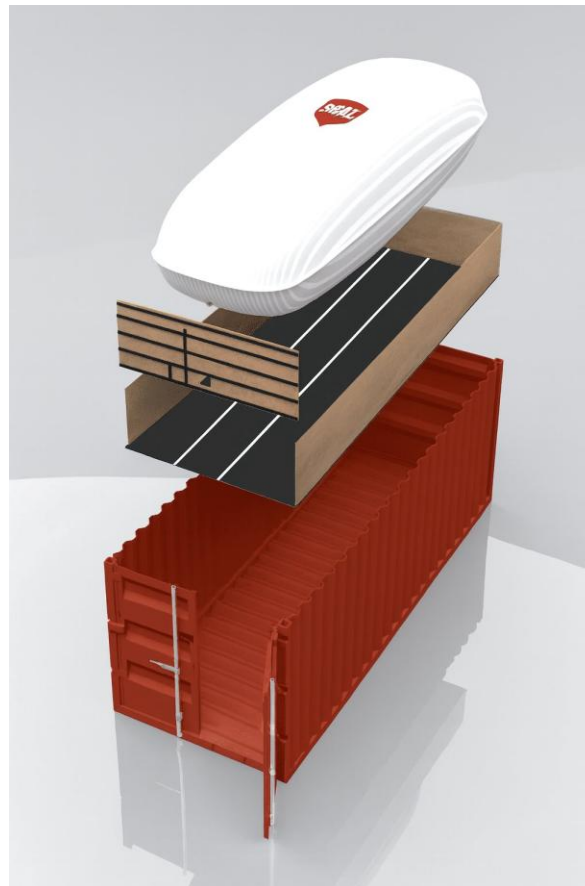
Wine, fruit juices and concentrates, premium oils, and liquid food products.

Key Features

High corrosion resistance and easy filling. Equipped with an advanced EVOH oxygen-barrier layer that significantly reduces oxygen transmission, preventing oxidation and preserving aroma and flavor.

Advantages

Ultra-high oxygen barrier performance ensures the quality of bulk wine during storage and transport. SEAL FLEXITANK uses premium EVOH or aluminum-plastic films with extremely low oxygen transmission rates, providing reliable protection against quality degradation.



Layered construction: flexitank, container flooring, and bulkhead support.

PRODUCT

Truck Flexitank

Highway (Vehicle-Mounted) Flexitanks

Designed for installation on 13-meter flatbed trucks to transport large volumes of non-hazardous liquids by road. They offer high load capacity, fast delivery, low cost, excellent sealing, corrosion resistance, and easy loading and unloading without leakage or contamination.

Construction & Capacity

Manufactured from multi-layer, high-density food-grade PE and PP materials, available in customized capacities from 14–22 m³ to meet specific vehicle and transport requirements. Widely used for food products, industrial oils, and non-hazardous liquid chemicals.



Dual SEAL Flexitank units mounted on a 13m flatbed trailer.

PRODUCT

Bitumen Flexitank

Application Scope

Designed for bitumen and other non-hazardous liquids with temperatures up to 120°C.

Product Features

Engineered to withstand high temperatures up to 120°C, allowing hot bitumen to be filled directly into the tank. After filling and a 24-hour settling period, the flexitank is ready for transport. Installation is simple, requiring minimal labor and no pallets or special tools. The inner liner safely dissolves into the bitumen without affecting product quality. Pre-use configuration confirmation with Seal is required to ensure optimal performance.



Insulated Bitumen Flexitank rated for cargo temperatures up to 120°C.

PRODUCT

Paper IBC

Overview

A foldable, single-use intermediate bulk container designed as a sustainable alternative to traditional metal and plastic IBCs. Made from multi-layer corrugated paperboard, it delivers excellent load strength and pressure resistance while remaining lightweight and easy to install. Equipped with a high-strength inner liner, a top filling inlet, and a bottom discharge outlet, it ensures efficient, safe, and convenient storage and transportation of liquid products.

Construction Detail

Built from a multi-layer corrugated cardboard composite, offering exceptional load-bearing and pressure-resistant capability alongside large capacity, foldability, and ease of installation. Comes with a high-strength liner bag and features both a top filling port and a bottom unloading port, greatly facilitating the storage and transportation of liquids.

Capacity

Fully customizable to meet specific customer requirements, with available capacities ranging from 200 to 950 litres. All components are foldable, recyclable, and environmentally friendly.



SEAL Paper IBC, 1000L capacity shown.

PRODUCT

Heating Pads

Steam Heating Pads

Installed at the bottom of the flexitank to maintain cargo at the required temperature and viscosity. Durable rubber tubing is connected to steel steam inlet and outlet pipes, allowing steam to circulate beneath the flexitank and evenly heat the liquid through heat conduction. The system features a simple structure, high thermal efficiency, and safe operation without damaging the inner liner.

Electric Heating Pads

Available in standard configurations (380V and 220V) for applications requiring electric heating. Contact our technical team for detailed heating efficiency and temperature parameters for your specific cargo.



Steam heating tubing laid out across the container floor prior to flexitank installation.



PRODUCT

Ball & Butterfly Valves

Overview

Designed for use with container flexitanks, ensuring safe, efficient, and leak-free liquid handling. The valves are flange-mounted with secure bolt-on or screw connections, allowing for quick, simple, and reliable installation.

Materials & Customization

Manufactured from non-toxic, corrosion-resistant materials, these valves are suitable for a wide range of liquid products, including food-grade and industrial applications. Multiple material options are available to meet specific customer and cargo requirements, ensuring compatibility, durability, and long-term performance.



PRODUCT

High-Performance PE Film

Overview

Offers excellent thickness uniformity and stable width, delivering superior mechanical strength, abrasion resistance, and heat-sealing performance.

Manufacturing

Produced using advanced automated manufacturing systems and premium polyethylene raw materials, the film meets leading industry standards for durability and reliability in liquid logistics applications.



HOW IT WORKS

Our Process

From supply through to disposal, SEAL FLEXITANK manages the full lifecycle of every shipment with a consistent, six-step process.

01	Supply of the Flexitank Providing a certified flexitank suited to the specific liquid cargo and container type.
02	Installation within the Container Properly fitting and securing the flexitank inside the container according to safety standards.
03	Trucking Transporting the loaded or empty container by road to or from the designated location.
04	Technical Support On-site or remote assistance to ensure correct installation, loading, and discharge of the flexitank.
05	Shipping Moving the container by sea or other modes to the final destination, in compliance with shipping regulations.
06	Disposal or Recycling Environmentally responsible removal and recycling or disposal of the used flexitank after discharge.

HAVE QUESTIONS?

Frequently Asked Questions

Q. Do flexitanks help reduce shipping costs?

A. Yes. Flexitanks are a highly economical solution for transporting bulk liquids because they maximize container capacity compared with drums or IBC totes, which reduces overall logistics costs.

Q. Are there any hidden costs when using flexitanks?

A. Generally no. Unlike tank containers, flexitanks typically avoid costs such as demurrage, cleaning, repositioning, or off-hire charges.

Q. What are the usual delivery lead times?

A. Lead times are typically short because flexitanks are stocked at strategic global locations to ensure fast availability for customers.

Q. Are Seal Flexitanks independently certified?

A. Yes. Our products comply with international quality and safety standards, supported by certifications from recognized third-party organizations.

Q. Can flexitanks be customized for specific cargo?

A. Absolutely. As a manufacturer, Seal Flexitank can customize tank specifications, sizes, and configurations based on customer requirements and product compatibility.

Q. Do you provide installation training?

A. Yes. We offer technical training and certification programs for proper installation and safe handling of flexitanks.

Q. Do you provide global technical support?

A. Yes. Seal Flexitank offers worldwide support through a network of offices, partners, and technical representatives.

Q. What sizes of flexitanks are available?

A. Standard capacities usually range from approximately 16,000 to 26,000 litres, although custom sizes can be produced upon request.

Q. Are reusable flexitanks available?

A. Yes. Special reusable flexitanks can be manufactured for extended service life, though they are more expensive than standard single-use tanks.



GET IN TOUCH

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