

Vasalta



TM

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VFlex Liquid Tanks



Liquid Storage/ Transportation

VFlex offers portable, effective and reliable storage/transportation of food-grade liquids, oil and other industrial substances/chemicals.



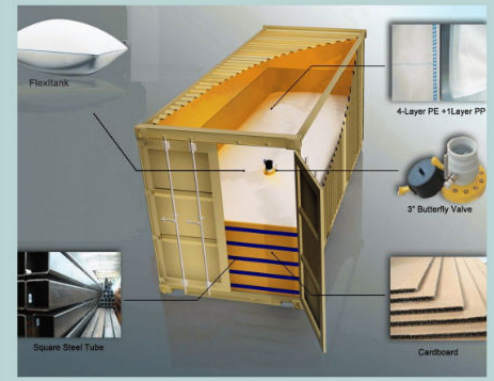
VFlex Aqua

Used for the storage and transportation of food grade liquids, such as drinking water, syrup, edible oils, food additives, sorbitol, vegetable oil, amino acid, palm oil, wine, beer, jam, corn oil, mineral water, malt extract, and other non-hazardous liquid.



VFlex Industrial

Used for the storage and transportation of industrial liquids, such as fuel oil, white oil, tung oil, base oil, transformer oil, biodiesel, glycerin, coconut oil, hydraulic oil, farm water, cleanser, disinfectant, surfactant, polyalcohol, feed additives, salt solutions, printing oil, castor oil, synthetic resins, petroleum, herbicide, lubricants, industrial wastewater, polyether, glycol, propanediol, industrial gear oil, alkylating agent.



VFlex SeaTrans

Designed for the transportation of both food grade and industrial liquids in 20 ft containers. Provides an ideal solution for transporting liquids in sea-containers/semi trucks and other forms of transportation.

VFlex Aqua

Product Specifications

The **VFlex Aqua** provides reliable, portable and convenient storage/transportation of drinking water and other food-grade liquids

• Features

- Portable
- Lightweight,
- Compact folded size
- Easy to disassemble.
- Useful in situations where large, bulky storage equipment cannot enter a site.
- Resistant to oil, ultraviolet light, aging and extreme temperatures

• Material Composition

- Three layers of Thermoplastic Polyurethane.
- Outer surface of tank is enforced with a woven polyester filament that can be coated with flame retardant, UV resistant and abrasive-resistant ingredients.
- Provides good abrasion resistance, oil resistance, hydrolysis resistance, UV resistance, hydrolytic stability and extreme temperature resistance.
- Material is highly flexible, offers low compression rates, high tensile and tear strength.
- Maintains properties in extreme climate and weather conditions (-50 degrees C to +80 degrees C)
- Thickness: Available in 0.8mm, 1.0mm, 1.2 mm, 1.3mm, 1.5mm.
- Color: Customizable

• Commonly Stored Liquids

- Drinking Water
- Syrup
- Edible oils
- Food additives
- Sorbitol
- Vegetable oil
- Amino acid
- Palm oil
- Wine
- Beer
- Jam
- Corn oil
- Mineral water
- Malt extract
- Other non-hazardous liquid

• Sizing

- VFlex Aqua can be built to customer specifications. Please provide a detailed description of tank-use, environment conditions and any other relevant information. **For common tank sizes, please see the sizing chart on the back of this page.**



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Common Sizes Chart

Volume (Imperial gallons)	Expanded Dimension L x W x H (inches)	Pack Cube (Cubed Meters)	Empty Loading Weight (KG)
44 Gal/	55 x 51 x 8	.02	8.2
110 Gal	98 x 31 x 12	.05	10
220 Gal	110 x 59 x 16	.08	13
440 Gal	110 x 91 x 20	.15	21
660 Gal	126 x 110 x 24	.2	29
880 Gal	157 x 98 x 24	.23	36
1100 Gal	177 x 102 x 24	.25	42
2200 Gal	197 x 150 x 35	.3	67
3300 Gal	224 x 181 x 37	.4	105
4400 Gal	256 x 185 x 41	.45	125
6600 Gal	268 x 224 x 41	.48	155
8800 Gal	295 x 276 x 43	.6	190
11000 Gal	339 x 291 x 43	.9	220
17600 Gal	461 x 295 x 47	1.1	330
22000 Gal	433 x 374 x 47	1.2	400
44000 Gal	654 x 374 x 63	2.1	650
55000 Gal	787 x 374 x 63	2.5	780
88000 Gal	677 x 618 x 67	3.3	1050
110000 Gal	827 x 622 x 67	5.2	1350
176000 Gal	886 x 886 x 67	6.1	1900

Disclaimer: The information provided by Vasalta is believed to be correct and is generally based on information supplied by the manufacturers of the product offered. Any recommendations made by Vasalta concerning uses or applications of our products are also believed to be reliable; however, as Vasalta has no control over design execution, and field conditions of the project which incorporate the product. Vasalta disclaims all warranties, expressed or implied, including, without limitation, the warranties of merchantability and/or fitness for a particular purpose.

VFlex Industrial

Product Specifications

The **VFlex Industrial** provides reliable, portable and convenient storage/transportation of oil and other industrial substances/ chemicals.

• Features

- Portable
- Lightweight
- Compact folding size
- Easy to disassemble
- Useful in situations where large, bulky storage equipment cannot enter a site.
- Resistant to oil, ultraviolet light, aging and extreme temperatures

• Material Composition

- Three layers of Thermoplastic Polyurethane.
- Outer surface of tank is enforced with a woven polyester filament that can be coated with flame retardant, UV resistant and abrasive-resistant ingredients.
- Provides good abrasion resistance, oil resistance, hydrolysis resistance, UV resistance, hydrolytic stability and extreme temperature resistance.
- Material is highly flexible, offers low compression rates, high tensile and tear strength.
- Maintains properties in extreme climate and weather conditions (-50 degrees C to +80 degrees C)
- Thickness: Available in 0.8mm, 1.0mm, 1.2 mm, 1.3mm, 1.5mm.
- Color: Customizable

• Commonly Stored Liquids

- Fuel oil, white oil, tung oil, base oil, transformer oil, biodiesel, glycerin, coconut oil, hydraulic oil, farm water, cleanser, disinfectant, surfactant, polyalcohol, feed additives, salt solutions, printing oil, castor oil, synthetic resin, petroleum, herbicide, lubricants, industrial wastewater, polyether, glycol, propanediol, industrial gear oil, alkylation agent, much more.

• Sizing

- VFlex Industrial can be built to customer specifications. Please provide a detailed description of tank-use, environment conditions and any other relevant information. **For common tank sizes, please see the sizing chart on the back of this page.**



Common Sizes Chart

Volume (Imperial gallons)	Expanded Dimension L x W x H (inches)	Pack Cube (Cubed Meters)	Empty Loading Weight (KG)
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VFlex SeaTran

Product Specifications

The **VFlex SeaTran** is designed for the transportation of both food-grade and industrial substances in 20 ft containers. It provides a cost effective alternative to traditional steel drums, bottles and other liquid transportation containers.

• Features

- **Cost Effective**- Lower costs than drums, bottles and other containers. Quicker loading saves on labor costs. User does not need to pay for returning drums, bottles and containers once cargo has landed.
- **Clean and Green**- No risk of contamination and no cleaning required.
- **High Capacity**- Maximum capacity can reach 24,000 liters. In a 20 ft container, VFlex SeaTran can store 35% more cargo than drums and 50% more cargo than bottles.
- **Easy to use**- VFlex can easily be filled and unfilled.
- **Resistant** to oil, ultraviolet light, aging and extreme temperatures.

• Material Composition

- 4 layer high strength food-grade PE film(0.125MM)
- 1 outer layer Strong PP
- 3 " Butterfly Valve

• Loading/ Discharging Configurations

- **(T T)** - Top Loading & Top Discharging
- **(B B)**- Bottom Loading & Bottom Discharging
- **(T B)** - Top Loading & Bottom Discharging

• Commonly Stored Liquids

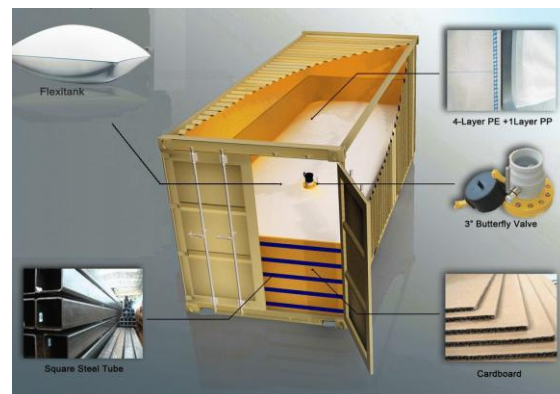
- VFlex SeaTran can transport most food-grade liquids, Industrial substances and non-hazardous chemicals.
- Commonly Stored: Syrup, Lubricants, Additives, Synthetic Resins, Edible Oils, White Oils, Cleanser, Drinking water, Tung Oil, Disinfectant, Food additives, Base Oil, Surfactant, Sorbitol, Transformer Oil, Polyalcohol, Vegetable oil, Refined Oil, Feed additives, Amino Acid, Salt Solutions, Palm Oil, Glycerin, Printing Oil, Wine, Coconut Oil, Propanediol, Beer, Hydraulic Oil, Glycol, Jam, Industrial Gear Oil, Polyether, Corn Oil, Castor oil, Alkylation Agent, Mineral Water, Mineral Oil, Herbicide, Malt Extract, Biodiesel, Latex(natural/synthetic) and much more.

• Sizing

- VFlex SeaTran has a capacity of 16,000 Liters --- 24,000 Liters.

• Quality Assurance/ Certifications

- ISO9001:2000,
- FDA
- SGS
- Kosher
- CHUBB Insurance



Technical Data

Performance Indicators	4
Inner Material	4 layer high strength food-grade PE film(0.125MM)
Tensile Strength of Inner Film	MD ≥30Mpa TD ≥36Mpa
Tear Resistance (ASTMD1004)	MD≥120N/MM TD≥115N/MM
Puncture Resistance	≥1400G
Elongation(ASTM D638IV at 50mm)	MD≥700% TD≥750%
Oxygen Transfer (ASTMF 3985)	Less than 1cc/100squ.in/day
Outer Material	Durable, tensile PP woven fabric
Tensile strength of outer film(PP)	MD:1930N/5CM TD:2000N/5CM
Yam count(PP)	MD:2000 Denmier TD: 1500 Denmier
Elongation at break(PP)	MD 14% TD 18%
Loading Tolerance	500Liters
Temperature Bearing	-10℃ +60℃
Exhaust Valve	Optional
Capacity	16000— 24000 L
Maximum loading flow	1000L/min
Product Net Weight	50KG
Packing	Carton
Packing Weight	47KG
Packing volume/set	0.57cube

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