



**PRODUCT SPECIFICATION**

Product name: Multi-Layer Flexitank

Model: 25KL, TLBD, 25KL, TLTD with air vent, 25KL, BLBD without air vent, 4+1, 3 inch Ball valve,

Certifications: COA, FDA, EC, ISO 9001:2008, ISO 22000, Kosher, Halal, SGS

**A. FLEXITANK PARAMETER**

Name		Items		Testing Method	Standard
Inner PE Film	co-extruded, ultrahigh tensile,  food grade  polyethylene film	Thickness（μm）		ASTM D645	125 mic per layer
		Tensile Strength(Mpa)	TD	ASTM D882	≥40
			MD	ASTM D882	≥40
		Elongation（%）	TD	ASTM D882	≥900
			MD	ASTM D882	≥900
		Tear Strength(KN/M)	TD	ASTM D1922	≥130
		Tear Strength(KN/M)	MD	ASTM D1922	≥130
		Dart Impact		ASTM D1709	1800g
	Welding Line	Welding Method			8+2
		Max.Load（N）		ASTM D882	≥90
		Tensile Strength(Mpa)		ASTM D882	≥40
Outcover- PP  Woven Fabric	Patented ONE-PIECE tubular out cover technology				
	Character	Max.Load（N）	Warp	GB/T1039	≥1900
			Weft	GB/T1039	≥1900
		Elongation（%）	Warp	GB/T1039	18.8%≤a≤25%
			Weft	GB/T1039	18.8%≤b≤25%



**Volume Payload:**

*The Flexitank must be loaded with approved liquid cargo, and the difference between capacity and volume should be less than **+/-500 litres**. Flexitanks must be filled to correct volume capacity as confirmed by PBS International Fze. As per slandered COA rules and regulation Max quantity 24KL is allowed and covered by insurance.*

**Product Loading Temperatures Allowance:**

*Liquid cargoes must be loaded at temperature controlled between 75°C and - 20° C, the latter applies to temperatures in the country of origin and destination also.*

**Liquid Products Acceptance:**

*General Liquid Products of Food and Non-Hazardous Chemical Grade MSDS and other information of the liquid is to be provided to and confirmed by PBS International Fze as being suitable for carriage in PBS Flexitanks.*

**Recommended Use:** *Single use flexitank for foodstuff, pharmaceutical, non – hazardous chemical or Industrial products.*

## Products Application

Foodstuffs	Industrial Grease	Non-hazardous liquid chemicals
Wine	Lubricants	Plasticizer
Edible Oils	Lubricants Additives	Synthetic Resins
Fruitade	White Oils	Cleanser
Food Additives	Tung oil	Disinfectant
Sorbitol	Base Oil	Surfactant
Palm Oil	Transformer Oils	Polyalcohol
Sauce	Refined Oil	Feed Additives
Amino Acid	Process Special Oil	Silicates
Palm Oil	Vegetal Oil	Salt Solutions
Yellow Wine	Glycerin	Printing Oil
Mineral Water	Coconut Oil	Propanediol
Malt Extract	Hydraulic Oil	Glycol
Syrup	Industrial Gear Oil	Polyether
Beer	Mineral Oils	Alkylation agent
Jam	Ricinus Oil	Herbicide
Milk	Biodiesel	Natural Latex
Corn Oil		Synthetic Latex



**PRODUCT SPECIFICATION**

Product name: Multi-Layer Flexitank

Model: 25KL&24KL, TLBD, 24 & 25KL, TLTD with air vent, 24& 25KL, BLBD without air vent, 4+1, 3 inch Ball valve,

Certifications: COA, FDA, EC, ISO 9001:2008, ISO 22000, Kosher, Halal, SGS

**FLEXITANK PARAMETER**

Name		Items			Testing Method	Standard
Inner PE Film	co-extruded, ultrahigh tensile,  food grade  polyethylene film	Thickness（μm）			ASTM D645	125 mic per layer
		Tensile Strength(Mpa)	TD	ASTM D882	≥40	
			MD	ASTM D882	≥40	
		Elongation（%）	TD	ASTM D882	≥900	
			MD	ASTM D882	≥900	
		Tear Strength(KN/M)	TD	ASTM D1922	≥130	
		Tear Strength(KN/M)	MD	ASTM D1922	≥130	
		Dart Impact		ASTM D1709	1800g	
	Welding Line	Welding Method				8+2
		Max.Load（N）			ASTM D882	≥90
		Tensile Strength(Mpa)			ASTM D882	≥40
Outcover- PP  Woven Fabric	Patented ONE-PIECE tubular out cover technology					
	Character	Max.Load（N）	Warp	GB/T1039	≥1900	
			Weft	GB/T1039	≥1900	
		Elongation（%）	Warp	GB/T1039	18.8%≤a≤25%	
			Weft	GB/T1039	18.8%≤b≤25%	



**Volume Payload:**

*The Flexitank must be loaded with approved liquid cargo, and the difference between capacity and volume should be less than **+/-500 litres**. Flexitanks must be filled to correct volume capacity as confirmed by PBS International Fze. As per slandered COA rules and regulation Max quantity 24KL is allowed and covered by insurance.*

**Product Loading Temperatures Allowance:**

*Liquid cargoes must be loaded at temperature controlled between 75°C and -20° C, the latter applies to temperatures in the country of origin and destination also.*

Liquid Products Acceptance:

*General Liquid Products of Food and Non-Hazardous Chemical Grade*

*MSDS and other information of the liquid is to be provided to and confirmed by PBS International Fze as being suitable for carriage in PBS Flexitanks.*

***Recommended Use:*** Single use flexitank for foodstuff, pharmaceutical, non – hazardous chemical or Industrial products.

## Products Application

Foodstuffs	Industrial Grease	Non-hazardous liquid chemicals
Wine	Lubricants	Plasticizer
Edible Oils	Lubricants Additives	Synthetic Resins
Fruitade	White Oils	Cleanser
Food Additives	Tung oil	Disinfectant
Sorbitol	Base Oil	Surfactant
Palm Oil	Transformer Oils	Polyalcohol
Sauce	Refined Oil	Feed Additives
Amino Acid	Process Special Oil	Silicates
Palm Oil	Vegetal Oil	Salt Solutions
Yellow Wine	Glycerin	Printing Oil
Mineral Water	Coconut Oil	Propanediol
Malt Extract	Hydraulic Oil	Glycol
Syrup	Industrial Gear Oil	Polyether
Beer	Mineral Oils	Alkylation agent
Jam	Ricinus Oil	Herbicide
Milk	Biodiesel	Natural Latex
Corn Oil		Synthetic Latex
Other Non-hazardous liquid	Other Non-hazardous liquid	Other Non-hazardous liquid