



G+L (S) Pte, Ltd.

**Proffesional & Specializing in large bulk
containerized transportation**



FLEXITANK

DRY CONTAINER LINER

FIBC BAG



Company Introduction



World-wide door to door packing service with global service network



We made the first FIBC

Our production capacity reached thirty thousand pcs per month

We began to export Dry Bulk Container Liner

We made the first Flexitank

Our new and modern factory certificated by QS,AIB,Kosher, ISO9001:2008

1998

2001

2002

2003

2004

2007

2008

2009

2011

2013

We succeeded with entry into the market

We began to export IBC

Our production capacity reached eighty thousand pcs per month

We planned to build our modern new factory

The background of the slide is a vibrant yellow with a close-up of a sunflower's head in the upper left corner. The sunflower has a brown, textured center and bright yellow petals. The overall lighting is warm and bright.

The production environment meets and certified by **QS**,
American **AIB** Food Grade Certification, **HACCP**
Certification
and **ISO9001:2008**

Raw materials and production process have approved by
FDA, EC

The Flexitank is a liquid bulk package, suitable for storage & transportation of non hazardous liquid products (food & non food). The flexitank enables you, to convert a standard 20ft ISO container into a liquid container. The cubic capacity ranges up from 14.000 to 24.000 litres, depending on the specific gravity of the liquid product and the required payloads



➤ Valve Details

- ❖ 3" Anti-suction Ball Valve & Butterfly Valve
- ❖ Advanced heat sealing technology or locked
- ❖ Pressure and temperature tested
- ❖ Steamed in water, wiped by alcohol
- ❖ Unity valve avoid the potential risk between flange



➤ Bulkhead with Steel Bar Details

- ❖ Cardboard bulkhead & Hollow board bulkhead
- ❖ No contact with container door
- ❖ No hassles with proper door closing



➤ Air Release Valve Details

- ❖ Advanced heat sealing technology or lock
- ❖ Pressure and temperature tested
- ❖ Steamed in water, wiped by alcohol
- ❖ Used for DOP, water reducer, etc. easy-fermented



➤ Container Liner Details

- ❖ Corrugated Paper Liner
- ❖ PE Woven Liner
- ❖ On Wall & Floor for protection



➤ Heating Pad Details

- ❖ Three Rubber Hoses
- ❖ Twenty-one Rubber Hoses

WPP Specifications

Parameter	Test Method	Unit of Measurement	Test Result	Specification
Fabric Weight	—	GSM	180	175
Tensile strength(TD)	ISO10319	N/5CM	≥2,040	≥1,960
Tensile strength(MD)	ISO10319	N/5CM	≥2,120	≥2,150
Elongation at break(TD)	ISO10319	%	25	15
Elongation at break(MD)	ISO10319	%	23	14

PE Film Specifications

	Item	Specification
1	Thickness (Mic)	125
2	Impact Strength (gm)	>1000
3	Elongation(%) MD	>800
	Elongation(%) TD	>850
4	Tear Resistance (N) MD	>10
	Tear Resistance (N) TD	>11
5	Tensile Break (Mpa) MD	>30
	Tensile Break (Mpa) TD	>30
6	Coefficient of Friction (Inside)	0.4
	Coefficient of Friction (Outside)	0.4
7	Max-Temperature	70°C

Customized and Self-designed as customers' requirements!

Dry Bulk Liners are used for a wide and constantly growing range of granular and powder products as a highly cost effective and time saving alternative to sacks and bags.



➤ **Size:**

- ❖ 20ft,30ft,40ft,45ft standard container
- ❖ 20ft: 5850*2400*2400mm
- ❖ 30ft: 8900*2400*2400mm
- ❖ 40ft: 11900*2400*2400mm
- ❖ 45ft: 13500*2500*2500mm

➤ **Material(Food-Grade):**

- ❖ PE Film
- ❖ PE Woven
- ❖ PP Woven

➤ **Hanging Loop:**

Designed and suitable for the Standard Container Hook

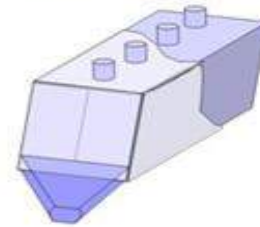
➤ **Bulk head:**

- ❖ Potential dangerous during transportation
- ❖ PP Woven, PE Woven, PE Film

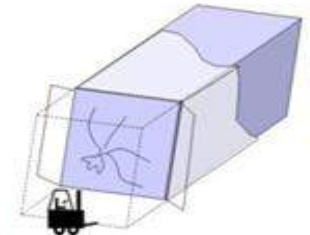
➤ **Other accessory:**

- ❖ Air bag
- ❖ steel bar

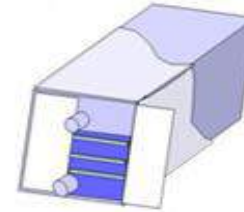
Top filled liner with
Triangular discharge



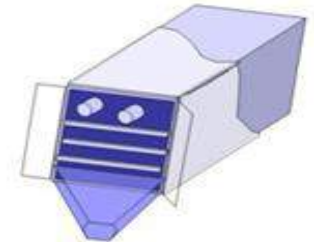
Drive-in Liner



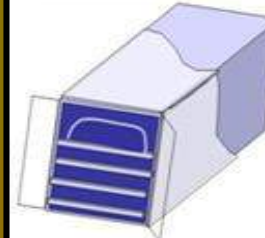
End Filled 20ft' Liner
With Spout discharge



Twin spout in-feed
Liner with triangular
Discharge



Zip Front Liner



Loading Systems



top gravity loading



belt thrower



loading with chute



belt conveyor



pneumatic loading



loading screw

Discharge Systems



By pumping or pneumatic system



Beans



Animal Feed



Granules



Hides



Palletised Cargo



Pellets



Powder



Resin

➤ **CHEMICALS**

PP,PE,PTA,PET,ABS Resin, PC, Aluminium Powder,PS Resin,PVC Resin,Pigments and so on.

➤ **FOODSTUFFS**

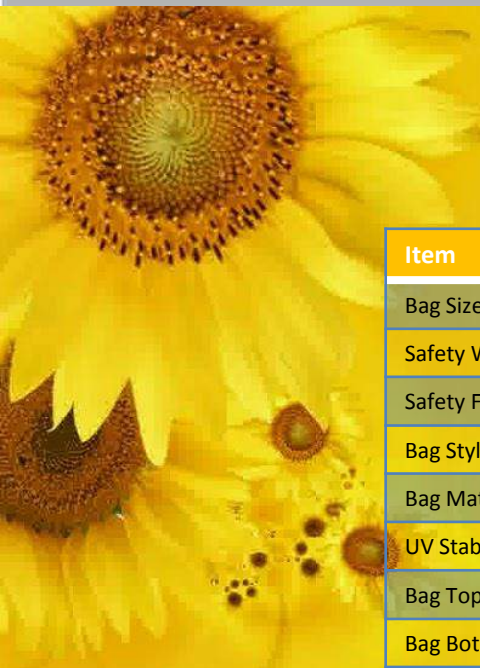
Barley,Cocoa,Coffee,Beans,Corn, Starch,Flour,Nuts,Peas,Rice,Seeds,S ugar,Mixed Grain Feed,Soya Beans Milk Powder and so on.

WPE Specifications

Properties	Unit	Test	Result
Thickness	Micron		145gsm
Construction Warp	Inch	DIN53853	10
Construction Weft	Inch	DIN53853	10
Count Warp	Denier	DIN53864	1000D
Count Weft	Denier	DIN53864	1000D
Tensile Strength Warp	N	DIN53857	560
Tensile Strength Weft	N	DIN53857	530
Elongation Warp	10%	DIN53857	28%
Elongation Weft	10%	DIN53857	25%

PE Film Specifications

	Item	Specification
1	Thickness (Mic)	150
2	Impact Strength (gm)	550
3	Elongation(%) MD	650
	Elongation(%) TD	700
4	Tear Resistance (N) MD	6
	Tear Resistance (N) TD	13
5	Tensile Break (Mpa) MD	23
	Tensile Break (Mpa) TD	25
6	Coefficient of Friction (Inside)	0.4
	Coefficient of Friction (Outside)	0.4
7	Max-Temperature	70°C



Item	Your requirements
Bag Size	Length x Width x Height ?
Safety Work Load	500kg / 1000kg / 1500kg / 2000kg / Others ?
Safety Factory	5:1 / 3:1 / 6:1 / Others?
Bag Style	U-panel/Tubular/Four Panel Q-Bag(Baffle Bag)/Others?
Bag Material	Uncoated / Coated / Ventilate (breathable) / Others ?
UV Stabilized	Yes / No ?
Bag Top	Open / Skirt Top(Duffle Top) / Filling spout / Others?
Bag Bottom	Flat / With Discharge spout / Others?
Lifting Loops	One Loop / Two Loops / Four Loops / Sleeve type / Others?
Stitching (Seams)	Plain Stitching/Overlock Stitching/Chain Stitching/Others?
Dust(Sift) Proof	Yes / No ?
Bulk Material	Sand/Gravel/Powder/Stone/Sharp shape metal material/Others ?
Inner Liner	Yes / No ?
Printing Logo	Yes/ No ?
Tag	Yes/ No ?
Document pouch	Yes/ No ?
Weight of Bag	? Kgs
Packaging	Bales or pallets ?
Other Special requirements	

FIBC

**Top Open,
Flat Bottom**

**Top Skirt,
Flat Bottom**

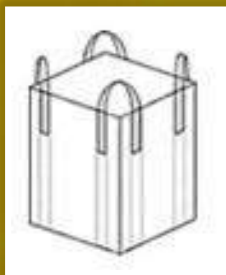
**Top Filling Spout,
Flat Bottom**

**Flat Top,
Flat Bottom**

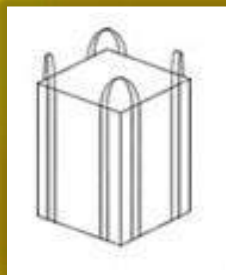
Loops Styles



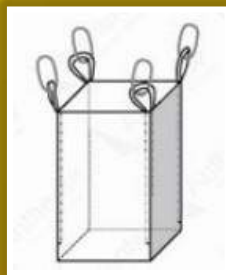
**4 Loops
Side Seam**



**Cross Corner
Loops**

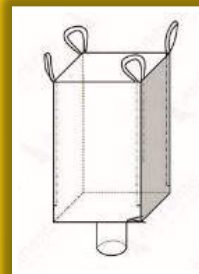


**Loops extended
to Bottom**

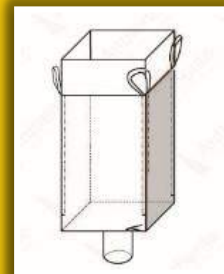


**Stevedore
Straps**

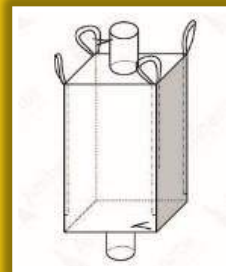
FIBC Styles



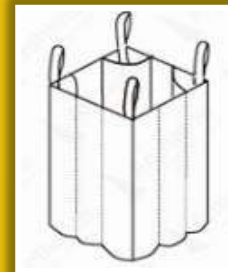
**Top Open,
Bottom
Discharge Spout**



**Top Filling Spout,
Bottom
Discharge Spout**



**Top Skirt,
Bottom
Discharge Spout**



Baffle Bulk Bag