

FLEXITANK

Our Flexitanks are designed and approved by COA and they're suitable for safe transportation of non-hazardous liquid cargo (both chemical and food grade products) across the globe.

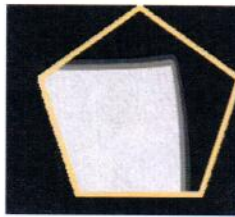
Flexitanks capacity:

16.000 Lt.
18.000 Lt.
20.000 Lt.
22.000 Lt.
24.000 Lt.

Loading pattern:

Top Load Top Discharge
Bottom Load Bottom Discharge
Top Load Bottom Discharge

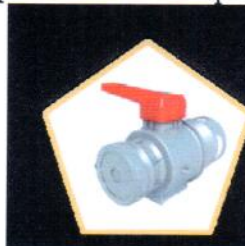
High quality FDA approved Polyethylene liner and tough Polypropylene fabric



Engineered to absorb heavy shocks and energy during transport
Easily installable robust bulkheads



FDA approved shock proof valve



LAMINATED POLYPROPYLENE FABRIC - DATASHEET

		Fabric Description	: 180 + 30 gr/m ²		
		Marking	: none		
		Composition Fabric	: Polypropylene		
		Composition Coating	: Polypropylene		
		Colour	: White		
SPECIFICATIONS		Theoretical Value		Variation	Reference
Circumference		4000 mm		+/- 10	
Weight		180 + 30 gr/m ²		+/- 5	
Yarn Count	Warp	1150 denier		+/- % 5	
	Weft	1850 denier		+/- % 5	
Density	Warp	76 Ends / 10 cm		-	DIN EN 1049
	Weft	42 Picks / 10 cm		-	
	Reinforcement	76 Picks / 10 cm			
Tensile Strength	Warp	Dan / 5 cm 190 kg		min 180 kg	DIN EN 29 073, DIN EN ISO 13934-1
	Weft	Dan / 5 cm 130 kg		min 130 kg	
	Reinforcement	Dan / 5 cm 260 kg		-	
Elongation	Warp	Dan / 5 cm 18 %		+/- 2	
	Weft	Dan / 5 cm 11 %		+/- 2	
	Reinforcement	Dan / 5 cm 20 %		+/- 2	
UV Stability		min.150 Kly			ASTM G 53

LIQUID LINER FILM – DATASHEET

Thickness	125 μ m
Dart Drop (astm D1709)	> 1200 g
Tensile Strength at Break (astm D882)	MD 30 MPa TD 35 MPa
Elongation at Break (astm D882)	MD 550% TD 650%
Elmendorf tear resistance (astm D1922)	MD 10 g/ μ m TD 30 g/ μ m
Yield (astm D882)	MD / MPa TD 9 MPa
E-modulus (astm D882)	MD 110 MPa TD 120 MPa
C _{OF}	< 0.25

LIQUID LINER BARRIER FILM - DATASHEET

Thickness	100 μm
Dart Drop (astm D1709)	200 g
Tensile Strength at break (astm D882)	MD 20 MPa TD 29 MPa
Elongation at break (astm D882)	MD 400% TD 400%
Elmendorf tear resistance (astm D1922)	MD 10 g/ μ TD 2 g/ μ
E-Modulus (astm D882)	MD 330 MPa TD 330 MPa
Coefficient of Friction (outer layers) (astm D1894)	> 0.4
Oxygen transmission rate (astm D3985)	< 1 (23°, 50% RH)

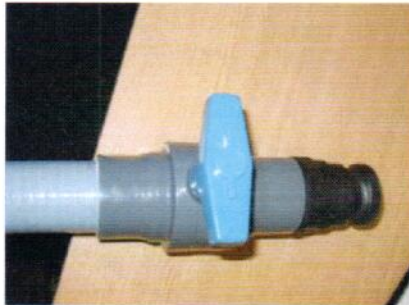
- ◆ OUR FLEXITANK IS CONSTRUCTED FROM THE BEST AVAILABLE MATERIALS
- ◆ IT IS INTENDED TO BE USED AS A SINGLE TRIP, DISPOSABLE PACKAGE
- ◆ EVERY FLEXITANK IS MANUFACTURED UNDER STRINGENT ISO 9001 CONTROLS
- ◆ EVERY FLEXITANK IS SUITABLE FOR FOOD USE AND A WIDE RANGE OF NON-HAZARDOUS CHEMICALS
- ◆ ONLY VIRGIN POLYMERS ARE USED



THIS IS A TYPICAL 24000 LITRE FLEXITANK FITTED INSIDE A STANDARD 20FT DRY BOX CONTAINER AND READY FOR LOADING.

CLOSE-UP VIEW
HOSE/ELBOW ASSEMBLY AS FITTED TO THE STANDARD PILLOW TANK. ALL PARTS ARE SEALED AND WELDED TO ENSURE PERFECT PERFORMANCE EVERY TIME.





CLOSE-UP VIEW OF THE VALVE. THIS IS A STANDARD 2 inch CAMLOCK MALE COUPLING. MANUFACTURED FROM HIGH-GRADE PVC AND IS SUITABLE FOR MOST CHEMICALS, LATEX AND MINERAL OILS.

A LOADED 24000 LITRE FLEXITANK – THE BULKHEAD SHOWN IS DIFFERENT TO THE TYPICAL WOODEN BULKHEAD AND IS SHOWN HERE AS AN EXAMPLE OF DEVELOPMENTS IN PROGRESS.

