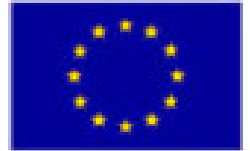


F L E X I T A N K S



Made in Europe



**ADVANCED FLEXITANK MANUFACTURING**

***SINGLE LAYER FLEXITANK***

[www.trustflexitanks.com](http://www.trustflexitanks.com)

# ABOUT TRUST FLEXITANKS

Trust Flexitanks is a European flexitank manufacturer based in Spain.

Trust Flexitanks goal, is to improve flexitank quality and cost through innovation, technology and automation

Trust Flexitanks produces high quality one layer food grade PE flexitanks.

Trust Flexitanks is an active member of the Container Owners Association, we fully support the drive to improve and certify flexitank quality and service. Future growth depends on continual improvement within the industry.

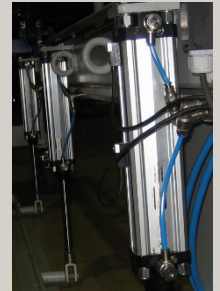
Trust Flexitanks mission is not only to offer the best quality/cost solution but to offer the best quality at the best cost solution!

Trust Flexitanks only partners with the upmost professional service operators



## OUR IN HOUSE TECHNOLOGY

- Trust Flexitanks automatic production line produces a flexitank in less than 10 minutes with minimum labour input. Reduction of manual input increases quality consistency, reduces costs and failure rates.
- Typical production processes in the industry are based on low cost labour instead of operational efficiency and automatic quality control.
- Trust Flexitanks machines are invented in-house and patent pending.
- The use of automatic welding technology allows Trust to create a seamless flexitank everytime with minimal wastage of materials.



**MACHINES NEVER HAVE A BAD DAY**

# PRODUCT SPECIFICATIONS

## PREMIUM ONE LAYER RECTANGULAR FLEXITANKS



- Capacity 18.000l – 24.000l
- Bottom and top load and discharge; cam lock 2" and 3"
- Standard or EVOH one layer film
- Air vent, pressure valve, sample tap etc.

MECHANICAL PROPERTIES *		VALUE	TEST METHOD
Tensile strength at break (Mpa)	DM	40	Astm D638
	DT	40	Astm D638
Elongation at break (%)	DM	800	Astm D638
	DT	800	Astm D638
Tear Resistance (N/mm)	DM	100	Astm D1004
	DT	100	Astm D1004
Puncture Resistance (M)		390	Astm D4833

\* Indicative but non binding values

FOOD GRADE – according to food grade regulations 2002/72/EC and FDA 21 CFR 177

## ADVANTAGES OF OUR ONE LAYER FLEXITANK



- ✓ **STRENGTH AND RIGIDITY** 900 um single layer film compared to 4 x 125 um + 180 um woven PP multilayer tank.
- ✓ **ENVIRONMENT** Only one material, easy to recycle.
- ✓ **WELDING STRENGTH** A lot higher on thick film compared to thin multi layer films.
- ✓ **TRANSPARENT MATERIAL** Allow full visibility of the product being loaded without any hidden issues.
- ✓ **BARRIER** One thick layer protects a lot better against any outside impact, odeur, oxygen etc.
- ✓ **DESIGN** No flexcracking due to the rectangular fit for purpose design, not possible with multi layer tanks.
- ✓ **STRAIGHTFORWARD** No cheating possible with amount of layers etc. You see what you get.
- ✓ **RELIABILITY** Every flexitank is inflated and tested before packing. This is not possible with a multi layer tank as you would not detect leakages caused by incorrect welding and/or faulty stitching.
- ✓ **PRICE** We are the only one layer producer who offers a one layer flexitank at the price of a multi layer flexitank. "You get a Mercedes at the price of a Fiat."
- ✓ **EXPERTISE** You deal directly with our highly focussed technical team that offers superior after sales support.
- ✓ **TRIED AND TESTED** Approved by the COA (Container Owners Association)

# TRUST FLEXITANK DESIGN

- Trust Flexitanks has been developed over the last 5 years resulting in a revolutionary rectangular flexitank shape that fits perfectly in a 20ft container. Furthermore this design allows to be produced by an automated process reducing cost and manufacturing errors.
- The one layer flexitank is made from a superior quality and highly durable film.
- Contrary to other designs (pillow shape or cut-off corner shape flexitanks), the Trust Flexitank design guarantees a loading process where neither folds nor sharp edges appear below the filling level of the flexitank. This rectangular design completely voids excess film in the corners allowing the flexitank to lean smoothly on the container walls, whereby stress on the film is reduced by 95%.

**OUR DESIGN IS PROTECTED BY INTERNATIONAL PATENTS PRESENTED AT THE OFFICIAL EUROPEAN ADMINISTRATION OFFICES.**

## Conventional pillow shape by competition



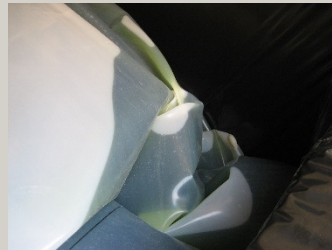
or



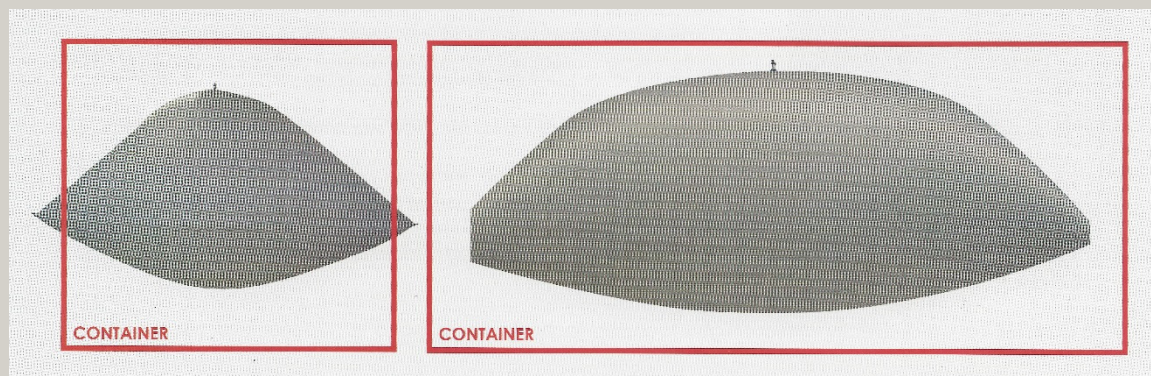
- Prone to stresscracking problems
- Extreme pressure can occur on the film folds and edges due to the pillow shape design



24KL pillow tank fully inflated

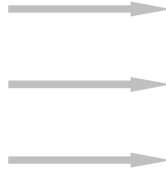


24KL pillow tank during loading  
Inside corner of container

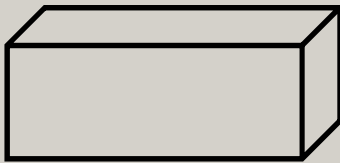




## THE PERFECT FIT



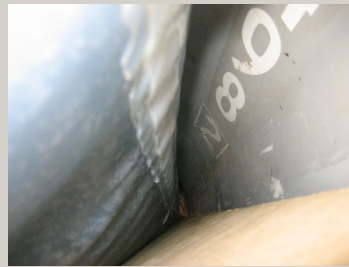
## TRUST Flexitank – New rectangular shape (patent pending)



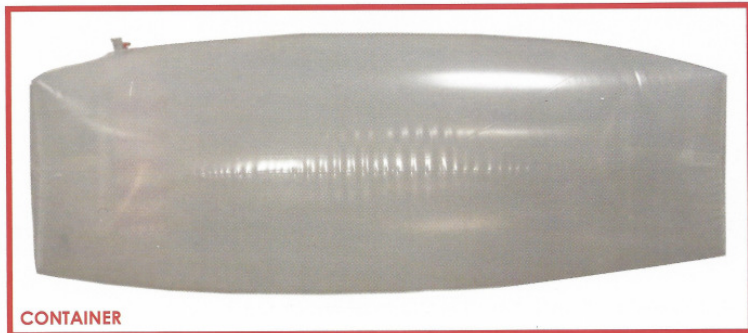
- Perfect fit in container
- Film stress reduced by 95%
- COA approved



Trust rectangular flexitank – fully inflated



Trust Flexitank inside container  
corner view => no folds!!!



# WINE TANK – EVOH BARRIER FILM

**Trust Flexitanks is the first flexitank manufacturer worldwide to produce a:**

- One layer tubular film flexitank with EVOH barrier incorporated.
- Significant protection against taint compound migration and oxygen transmission
- A special wine tank providing all the Trust Flexitank advantages

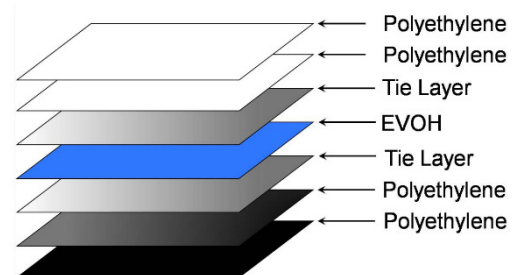
**“TRUST” YOUR VALUABLE PRODUCTS WITH OUR BRAND NEW 7 LAYER EXTRUDED TUBULAR FILM WITH EVOH BARRIER**



**INDEPENDENTLY TESTED BY**



**The Australian Wine  
Research Institute**



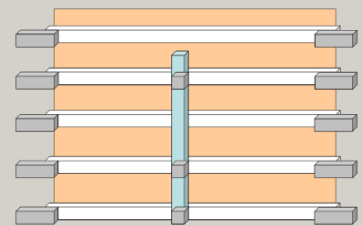
## BULKHEAD, VALVES AND ACCESSORIES



The Trust Standard Bulkhead system is tested in TUV Germany and officially approved by COA.

The bulkhead does not touch end doors at any time.

100% compatible with Trust Flexitanks



3" camlock valve

***Please contact us for any other accessories you might need.***



Heater Pad



Manual air vent



Pressure valve PRV



Reduction 3" to 2"

# CERTIFICATES



**Certificate of liability insurance**

**5 Mio USD cover**



**COA Flexitank/Container Combination  
Standard Rail Impact Test Report**

Name of Flexitank Company	Trust Flexitanks
COA Test reference number	CFRT 2202

**COA Rail impact test**



**General Russian Rail Permit**



**The Australian Wine  
Research Institute**

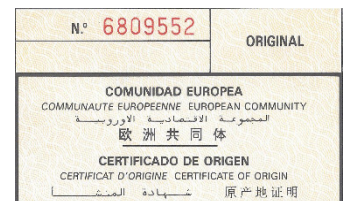
**Barrier film test report**



**Patent pending design (ref DC294)**  
<http://oami.europa.eu/>

**OFFICE FOR HARMONIZATION IN THE INTERNAL MARKET  
(TRADE MARKS AND DESIGNS)**

**European design & production process patents**



**Made in Europe**

**PLEASE CONTACT US FOR DETAILED REPORTS**



## THE ENVIRONMENT

Trust Flexitanks is committed to reduce the environmental impact of our industry. Although the flexitank has a very low packaging per tonne of product shipped ratio, we continuously have to strive for further reductions.

Trust Flexitanks are a one layer flexitank that is made of only one raw material which makes recycling a lot easier. Polyethylene is a thermoplastic material, which means that it can be melted down and used for making products virtually indefinitely.



## QUALITY CONTROL

“Trust but verify” means that we double check every step in the production process.

**Every flexitank is tested by inflating before being packed!**

Raw materials are “Made in Europe” and checked according to COA “Code of Practice”. Every new raw material input and design modifications pass an internal test programm. This includes extreme resistance tests with radical breaking manoeuvres on a truck.

**Approved and tested by the COA rail impact test.**



**CONFIDENCE IS GOOD,  
CONTROL IS BETTER**

# THE TRUST NETWORK



The TRUST family gets bigger and we are represented by agents around the world.

Please contact us to locate our local agent/distributor.

We are continuously looking to expand our business so if you would like to cooperate with our high quality flexitank service project, please do not hesitate to contact us.

## **AGENT / DISTRIBUTOR**

## **HEAD OFFICE**

**TRUST FLEXITANKS**  
**Avda de les Punes S/N (esq. C/ Bélgica)**  
**43120 Constantí**  
**Spain**

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[INFO@TRUSTFLEXITANKS.COM](mailto:INFO@TRUSTFLEXITANKS.COM)