



Made in europe.  
**Trusted worldwide.**

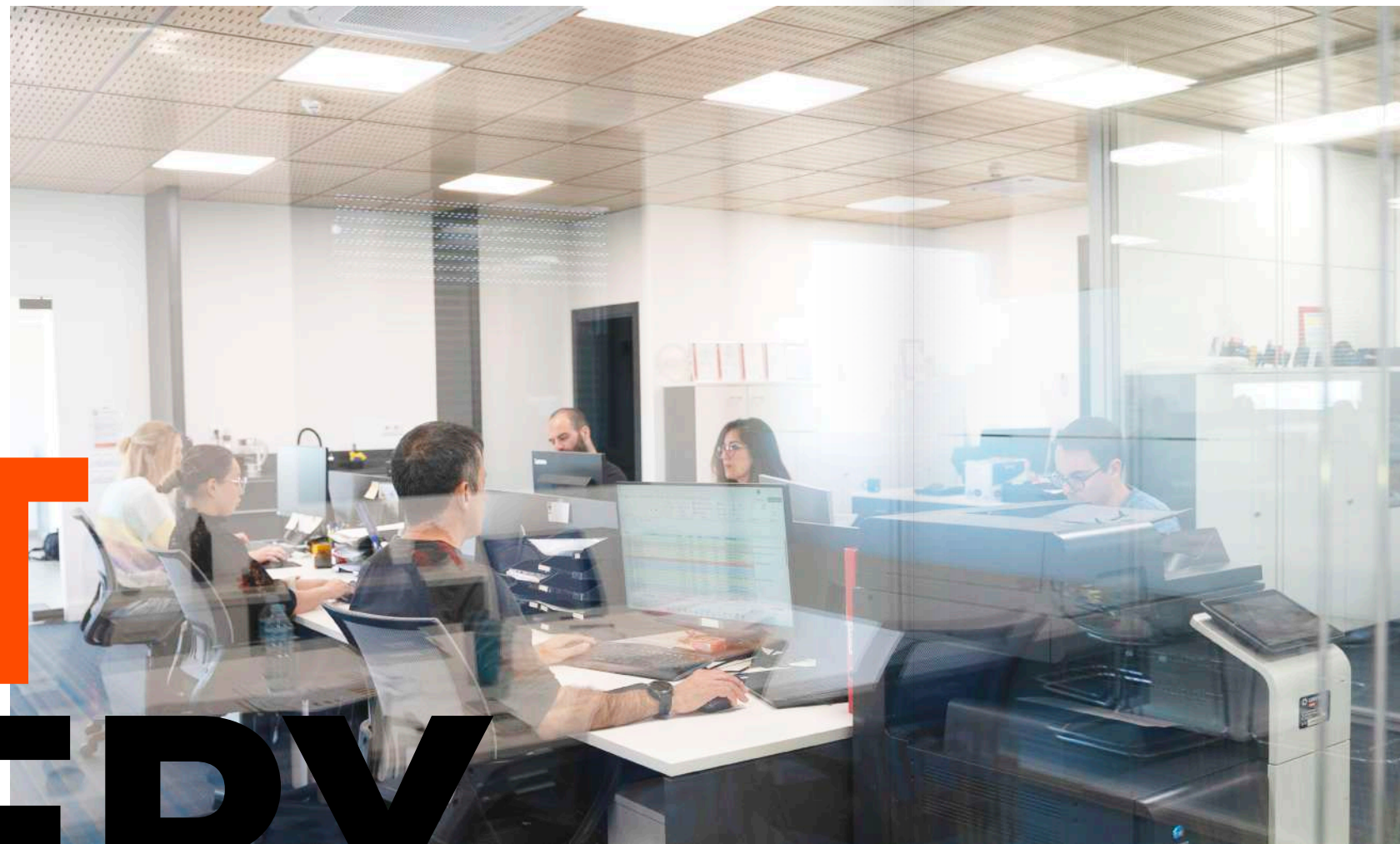




**EUROPEAN  
ENGINEERING**  
FOR FLEXIBLE, SAFE,  
AND SUSTAINABLE  
LIQUID TRANSPORT.



# TRUST IN EVERY TANK.



## Who we are

Based in Spain, **Trust Flexitanks** is a European manufacturer specialized in high-quality flexitanks for the bulk transport of liquids.

Thanks to a highly automated production process — designed by our own engineers — we guarantee precise, consistent and safe flexitanks, meeting the highest quality standards.

We believe technology and design are key to achieving a **better, safer, and more cost-efficient flexitank** — and we've made it our mission to lead the industry through continuous innovation.

A European flexitank specialist with a global mindset.  
**100% European engineering. 100% Global reliability.**  
**Made in Europe. Made with purpose.**



# TAILOR-MADE FLEXITANK SOLUTIONS FOR EVERY NEED.



## What we do

At Trust, we go beyond standard manufacturing. Our R&D team constantly develops new formats and features to meet specific client and cargo needs.

### Custom products for specific logistics challenges

- Reefer container-compatible flexitanks
- Storage tanks for static use
- Tailor-made solutions for high-viscosity or sensitive liquids

Thanks to our **flexible logistics model**, we adapt production and delivery to your stock needs, helping you maintain the right levels without risk of cargo loss.

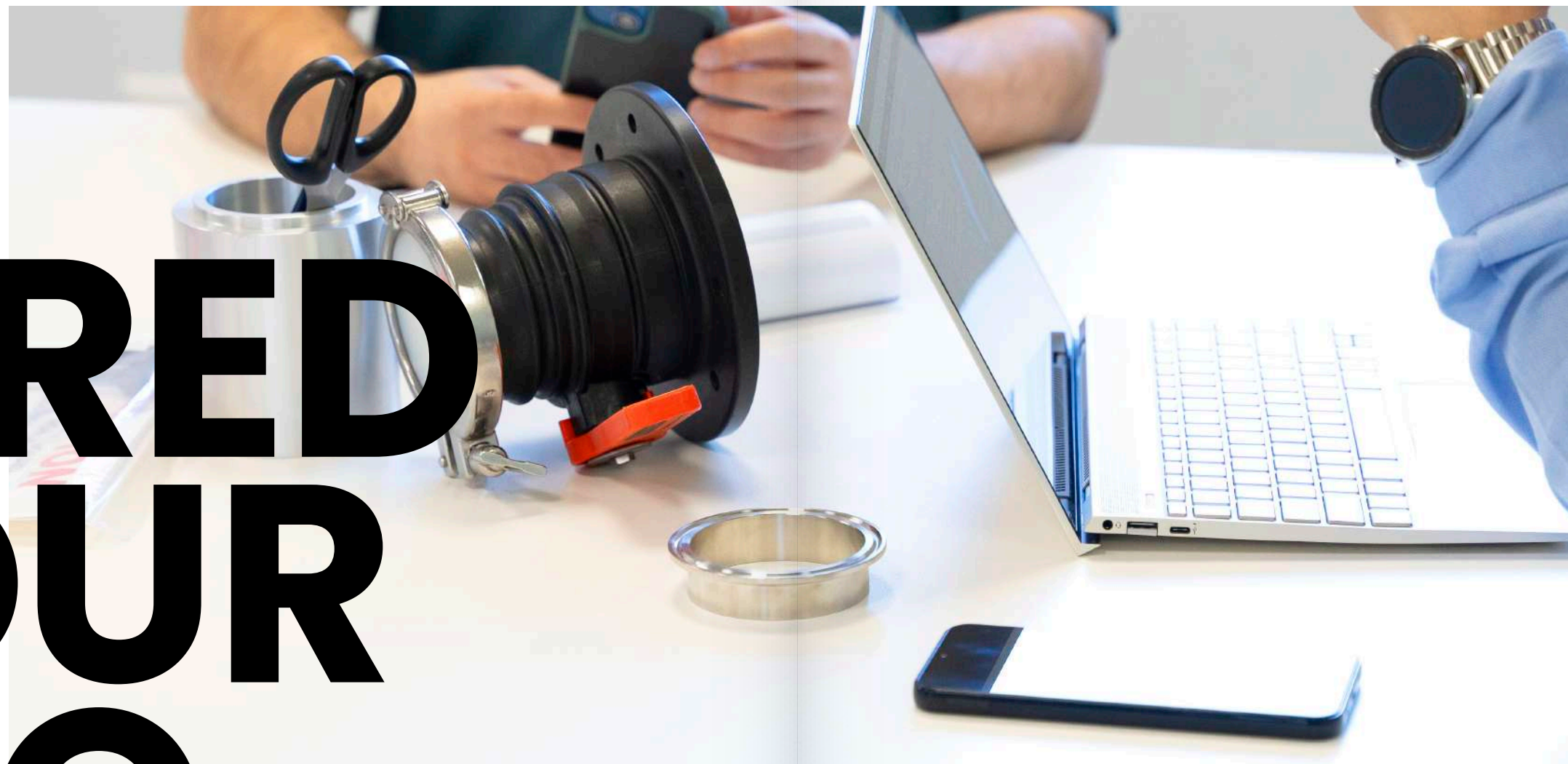
We know one size doesn't fit all.

**So we tailor every solution.**

**Fast, agile logistics.**

FLEXITANK SOLUTIONS

# TAILORED TO YOUR CARGO.



## Technology & design

A flexitank is not just a bag. It's a critical component of the supply chain, especially when transporting valuable or sensitive liquids. That's why we treat each unit as a **piece of engineered precision**.

**Our flexitanks are designed with:**

- Structural integrity
- Temperature resilience
- Stress-crack resistance
- Compatibility with a wide range of products

**Smart design and careful engineering are at the core of everything we do.**

More than packaging:  
**industrial innovation in motion.**



# MACHINES NEVER HAVE A BAD DAY.



## Full automation, maximum reliability

One of Trust's key differentiators is the **level of automation** in our manufacturing process.

### Why automation matters?

- Increases production speed
- Ensures consistency
- Minimizes human error
- Reduces operational costs
- Enhances traceability and safety

Our machines are **developed in-house** and protected by international patents. Quality control sensors are integrated at each stage to detect even the slightest anomaly.

Our production line is unique  
in the world **and so are the results.**

# QUALITY YOU CAN TRUST.



## From raw materials to finished product, every step is tested

At Trust Flexitanks, quality is non-negotiable.

**Our lab performs daily, real-life condition tests to ensure:**

- Material resistance and flexibility
- Cold-temperature stress crack resistance
- Film behavior under pressure and during transport

### **In-house innovation.**

We've developed unique lab equipment to simulate real-world logistics conditions. Our engineers test each film batch before production — because we believe **real quality comes from rigorous data.**

COA certified since 2012.

**Fully compliant with all industry standards.**

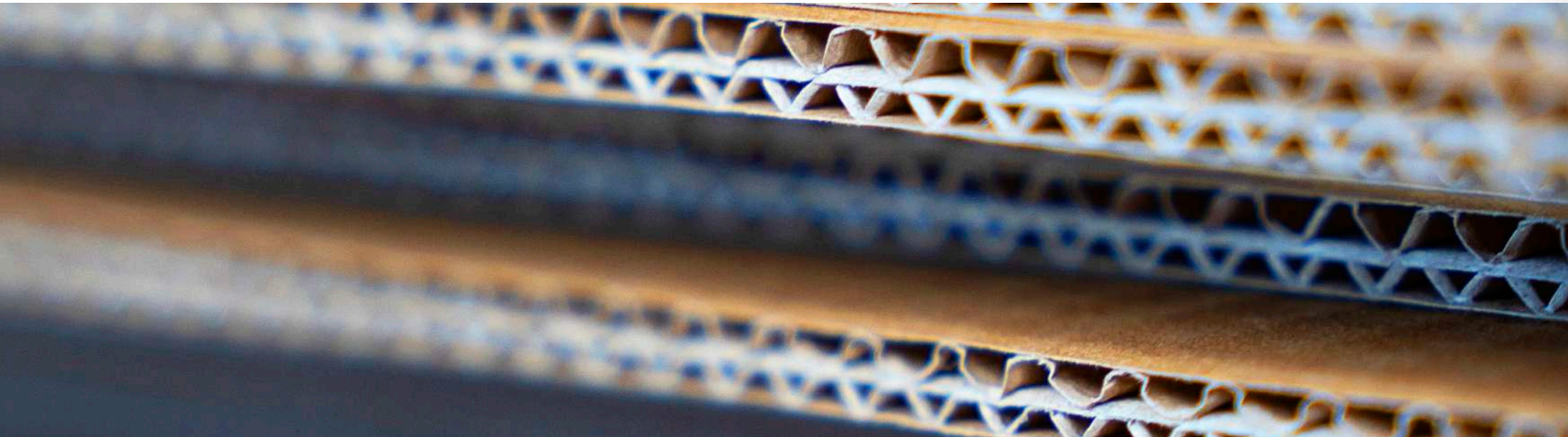


# 3 AXES FOR THE PLANET. ●



Responsible with the planet, **committed to people.**





# Environmental Responsibility

We work toward minimizing the environmental footprint of every flexitank we produce:

- Polyethylene (PE) can be melted and reuse to make new products
- We collaborate with European film suppliers to ensure the circular economy
- Bulkhead systems are redesigned to use less steel and allow for reuse or recovery

Less waste. More efficiency. **Better for the planet.**

# Economic Sustainability

We work hand-in-hand with shipping lines and container owners to protect their equipment:

- Preventing container bulging
- Reinforcing bulkhead systems
- Minimizing transport-related claims

Protecting your cargo **and your reputation.**

# Social Sustainability

Flexitanks are often produced under unacceptable working conditions.  
At Trust, we stand out as one of the few manufacturers that fully respects social standards.

- 100% Made in Europe
- Fair, safe, and regulated working environments
- Personal development opportunities for our team

Our people are our most valuable asset **and we act accordingly.**





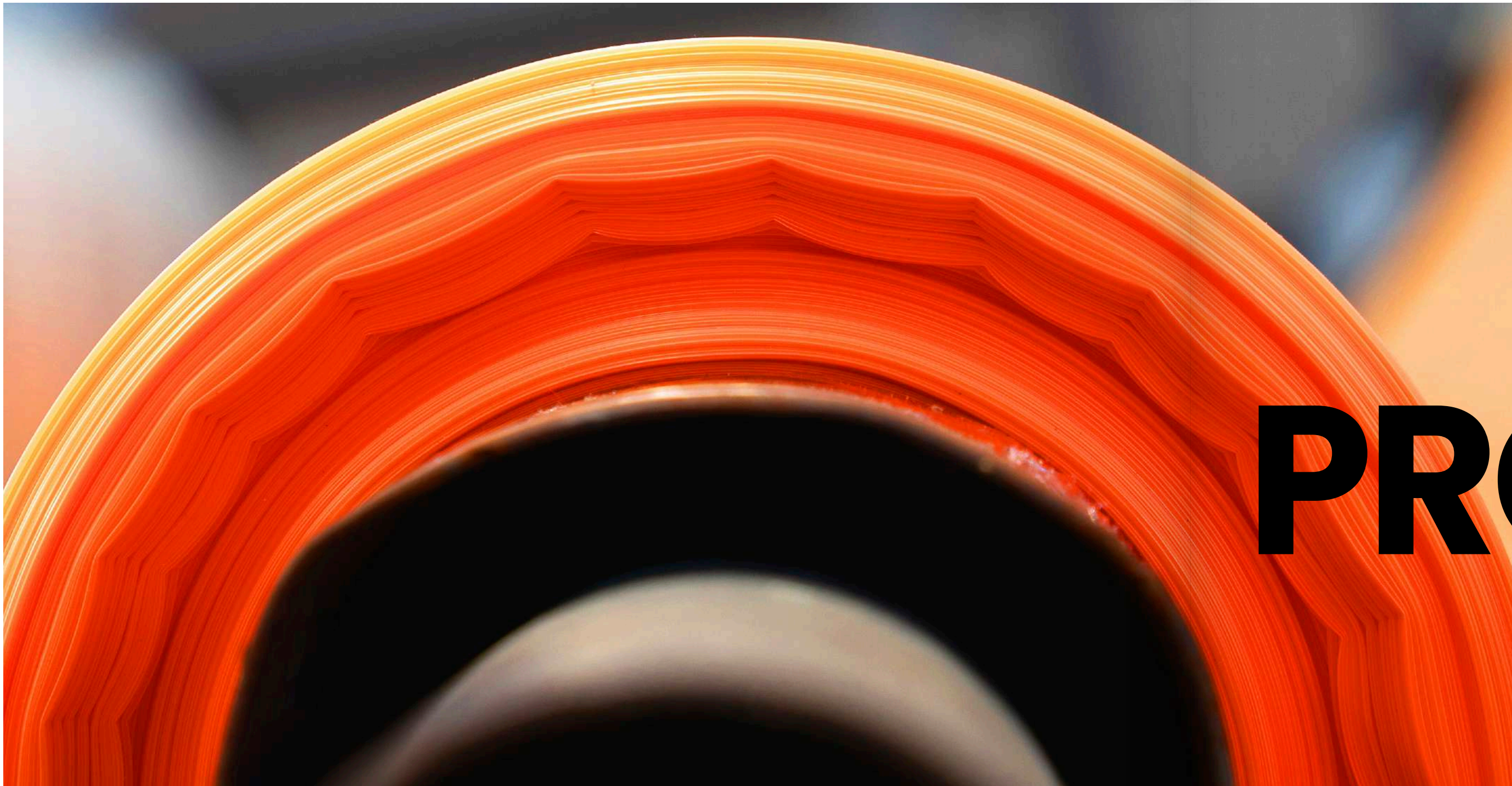
**SAFE.  
SMART.  
SUSTAIN-  
ABLE.**

## **Why choose trust flexitanks?**

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- European manufacturing
  - In-house engineering
  - Unique automation and patented machinery
  - Proven quality and compliance
  - Custom solutions
  - Full sustainability commitment
-



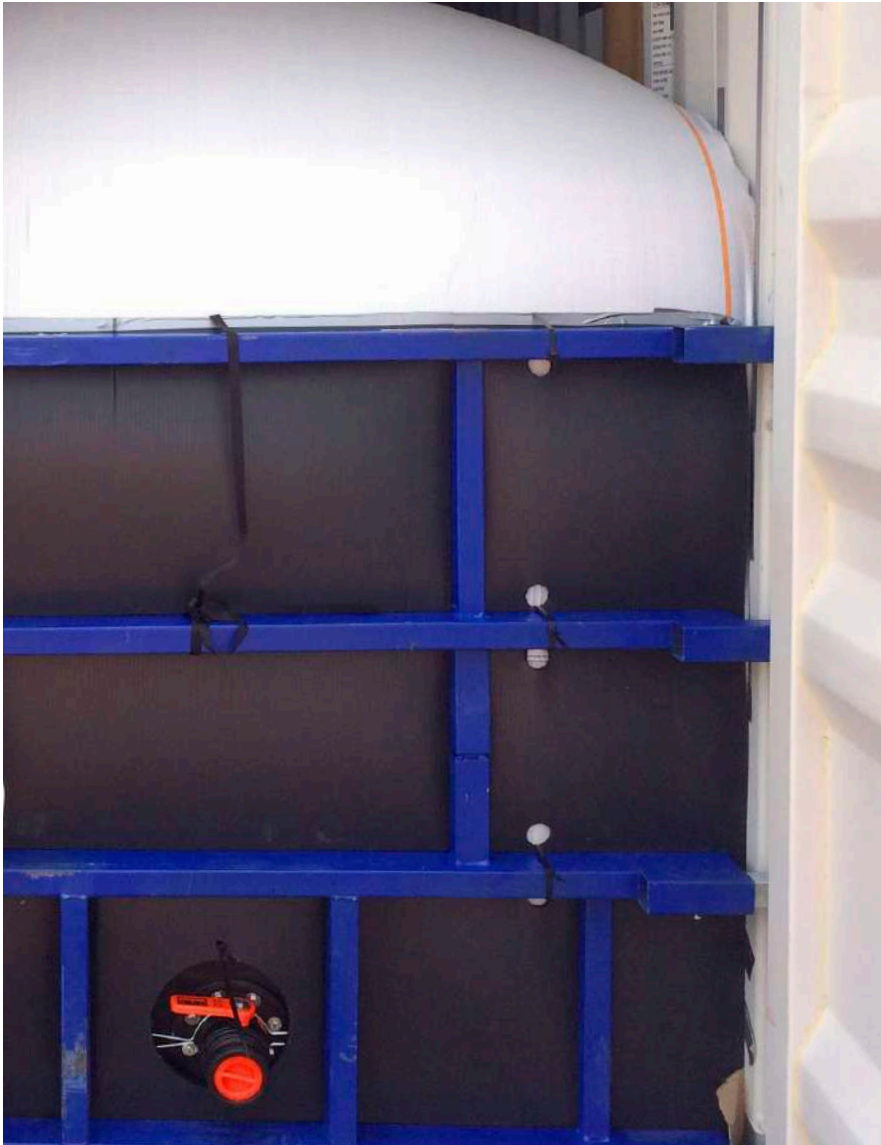


# OUR PRODUCTS



# Multilayer Flexitank

PRODUCT  
SPECIFICATIONS



## Multilayer standard

- › Capacity: 16,000 – 26,000 litres
- › Bottom load; camlock 3” connection
- › Woven Polypropylene Outer Layer: Premium PP Silk Quality
- › Polyethylene Film: LDPE 2-3 and 4 Layer LDPE EU made Film
- › Extra Strong Anti Suction Valve With 6cm Support Board
- › Food Grade (according to EU food regulations 1935/2004, 2023/2006, 10/2011 and FDA 21 CFR 177)

| MECHANICAL PROPERTIES PE FILM | TYPICAL VALUES*      | TEST METHOD |
|-------------------------------|----------------------|-------------|
| Tensile strength              | MD $\geq$ 26.0 N-mm2 | ASTM D882   |
|                               | TD $\geq$ 28.0 N-mm2 | ASTM D882   |
| Elongation at Break           | MD $>$ 600%          | ASTM D882   |
|                               | TD $>$ 650%          | ASTM D882   |
| Tear Resistance               | MD $\geq$ 0,088 N/um | ASTM 1004   |
|                               | TD $\geq$ 0,088 N/um | ASTM 1004   |
| Impact strength (film total)  | $\geq$ 2250g         | ASTM D1709  |

\* Indicative but not binding values, according to film manufacturer specs.



## Wine Flexitank

- › Capacity: 16,000 – 26,000 litres
- › Bottom load; camlock 3” connection
- › Woven Polypropylene Outer Layer: Premium PP Silk Quality
- › Polyethylene Film: 2 x LDPE layer LDPE EU made Film
- › Oxygen barrier : 1x EVOH film layer EU made Film
- › Extra Strong Anti Suction Valve With 6cm Support Board
- › Food Grade (according to EU food regulations 1935/2004, 2023/2006, 10/2011 and FDA 21 CFR 177)
- › OTR = OXYGEN TRANSMISSION RATE EVOH FILM LAYER: 0.40 cc/m2/day

| MECHANICAL PROPERTIES PE FILM | TYPICAL VALUES*      | TEST METHOD |
|-------------------------------|----------------------|-------------|
| Tensile strength              | MD $\geq$ 26.0 N-mm2 | ASTM D882   |
|                               | TD $\geq$ 28.0 N-mm2 | ASTM D882   |
| Elongation at Break           | MD $>$ 600%          | ASTM D882   |
|                               | TD $>$ 650%          | ASTM D882   |
| Tear Resistance               | MD $\geq$ 0,088 N/um | ASTM 1004   |
|                               | TD $\geq$ 0,088 N/um | ASTM 1004   |
| Impact strength (film total)  | $\geq$ 2250g         | ASTM D1709  |

\* Indicative but not binding values, according to film manufacturer specs.



# Full Protection Shield

PRODUCT  
SPECIFICATIONS

## FPS Multilayer Flexitank

Specially designed to substitute the single layer flexitanks for your high quality industrial oils which are sensible to humidity absorption and which tend to permeate through the standard LDPE films (“sweating effect”).

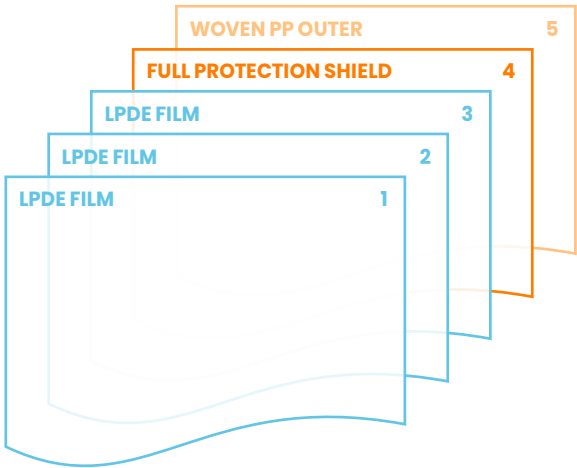
The FPS Multilayer flexitank also substitutes the alu foil flexitanks for wine transports. The alu foil is very unreliable (rips open during transport) and is not recyclable. The FPS film is 100%recyclable and 100% reliable as it is a thermoform plastic. Excelent lab tests for naphtalene permeation (available on request).

THE FPS MULTILAYER FLEXITANK brings various advantages like:

- Extremely low humidity transfer (lower than single layer flexitanks)  
WVTR = 0.35 cc/(m2-day) @ 38°C – 90%Re
- Avoids product permeation (“sweating”) and any other outside impacts like oxygen and odeur (smell) due to the incorporated EVOH barrier  
OTR = 0.61 g/(m2-day) @ 38°C – 90%Re
- Multilayer solution providing a higher reliability than single layer bagP
- Increased tear resistance compared to metal (alu) based films.  
The polyethylene flexible core avoids the possible splitting of the protective layer.

COMPOSITION

- WOVEN PP OUTER: 200GSM – PREMIUM QUALITY
- FPS – FILM: PE MULTIDENSITY CORE BASED ON METALLOCENE STRUCTURE INCLUDES ADAPTED ADDITIVATION AND EVOH BARRIER
- 3 x LDPE: OUR TRUST LDPE STANDARD FLEXITANK FILM FOR MAXIMUM RELIABILITY
- VALVE: TRUST 3” STANDARD BALL VALVE



- Capacity: 22-000 LITER – 23.000 ILITER – ... – 26.000LITER
- Bottom load; camlock 3” connection
- WOVEN PP: 200GSM PREMIUM PP SILK QUALITY
- FPS: 200GSM – PREMIUM QUALITY
- PE FILM: EXTRA STRONG ANTI SUCTION VALVE WITH SUPPORT BOARD  
EXTRA FILM REINFORCEMENT AROUND VALVE  
100% MADE IN EUROPE  
FOOD GRADE (according to EU food regulations 1935/2004, 2023/2006, 10/2011 and FDA 21 CFR 177)
- WVTR: 0.35 cc/(m2-day) (38°C – 90%RH) OTR: 0.61 g/(m2-day) (38°C – 90%RH)



| MECHANICAL PROPERTIES PE FILM | TYPICAL VALUES*                      | TEST METHOD            |
|-------------------------------|--------------------------------------|------------------------|
| Tensile strength              | MD >= 26.0 N-mm2<br>TD >= 28.0 N-mm2 | ASTM D882<br>ASTM D882 |
| Elongation at Break           | MD > 600%<br>TD > 650%               | ASTM D882<br>ASTM D882 |
| Tear Resistance               | MD >= 0,088 N/um<br>TD >= 0,088 N/um | ASTM 1004<br>ASTM 1004 |
| Impact strength (film total)  | >=2250g                              | ASTM D1709             |

| MECHANICAL PROPERTIES WOVEN | TYPICAL VALUES*                          | TEST METHOD              |
|-----------------------------|--|--------------------------|
| Tensile strength            | MD >= 1400 N/50 mm<br>TD >= 1400 N/50 mm | ASTM D4595<br>ASTM D4595 |
| Elongation at Break         | MD >= 15%<br>TD >= 15%                   | ASTM D4595<br>ASTM D4595 |
| Stitch strength             | >= 500 N/50 mm                           | ASTM 1D4595              |

\* Indicative but not binding values, according to film manufacturer specs.  
Trust Flexitanks cannot be held responsible for product compatibility unless specific confirmation of compatibility has been given by written notice.

# 40FT Reefer flexitank

PRODUCT  
SPECIFICATIONS



## Reefer CTR Flexitank

- › Capacity: 16,000 – 20,000 litres
- › Bottom load; camlock 3” connection
- › Woven Polypropylene Outer Layer: Premium PP Silk Quality
- › Polyethylene Film: LDPE Triple Layer special cold resistant film
- › Optional oxygen barrier (EVOH and metalized) film available.
- › Aseptic treatment optional
- › Food Grade (according to EU food regulations 1935/2004, 2023/2006, 10/2011 and FDA 21 CFR 177)

**DOUBLE REUSABLE BULKHEAD SYSTEM**  
**FOR MAXIMUM SAFETY AND REEFER EQUIPMENT PROTECTION**



## Trust multilayer reefer Flexitank

- › Capacity: 16.000 LITER - 17.000LITER - ... - 20.000L
  - › Bottom load; camlock 3” connection
  - › WOVEN PP: 200GSM PREMIUM PP SILK QUALITY
- PE FILM:** LDPE 4 LAYER MICRO FLEX FILM  
EXTRA STRONG ANTI SUCTION VALVE WITH SUPPORT BOARD  
EXTRA FILM REINFORCEMENT AROUND VALVE  
100% MADE IN EUROPE  
FOOD GRADE (according to EU food regulations 1935/2004, 2023/2006, 10/2011 and FDA 21 CFR 177)



| MECHANICAL PROPERTIES PE FILM | TYPICAL VALUES*                              | TEST METHOD            |
|-------------------------------|--|------------------------|
| Tensile strength              | MD $\geq$ 27.5 N-mm2<br>TD $\geq$ 29.5 N-mm2 | ASTM D882<br>ASTM D882 |
| Elongation at Break           | MD $>$ 700%<br>TD $>$ 780%                   | ASTM D882<br>ASTM D882 |
| Tear Resistance               | MD $\geq$ 0,092 N/um<br>TD $\geq$ 0,092 N/um | ASTM 1004<br>ASTM 1004 |
| Impact strength (film total)  | $\geq$ 2250g                                 | ASTM D1709             |

| MECHANICAL PROPERTIES WOVEN | TYPICAL VALUES*                                  | TEST METHOD              |
|-----------------------------|--|--------------------------|
| Tensile strength            | MD $\geq$ 1400 N/50 mm<br>TD $\geq$ 1400 N/50 mm | ASTM D4595<br>ASTM D4595 |
| Elongation at Break         | MD $\geq$ 15%<br>TD $\geq$ 15%                   | ASTM D4595<br>ASTM D4595 |
| Stitch strength             | $\geq$ 500 N/50 mm                               | ASTM 1D4595              |

\* Indicative but not binding values, according to film manufacturer specs.  
Trust Flexitanks cannot be held responsible for product compatibility unless specific confirmation of compatibility has been given by written notice





# BULK HEADS

AND COMPLEMENTS



# Bulkhead standard

We offer different bulkheads approved by the COA guaranteeing safe transport by truck, boat and train.

## The TRUST Standard Bulkhead:

- Is COA Approved – TUV Tested
- Structure ensures that valve does not touch the container door at any time
- Has additional distance between valve and right hand door
- Consists of 5 bars of 80x40x2 MM + 1 bar of 40x40x3mm
- Made of steel – can be galvanized or painted as optional
- Resistant and very easy to transport.
- Innovative bar collapse protection system using vertical supports (legs) to facilitate the assembly.
- Waterproof extra rigid 8mm thick MDF Panel (H. 1.40m).

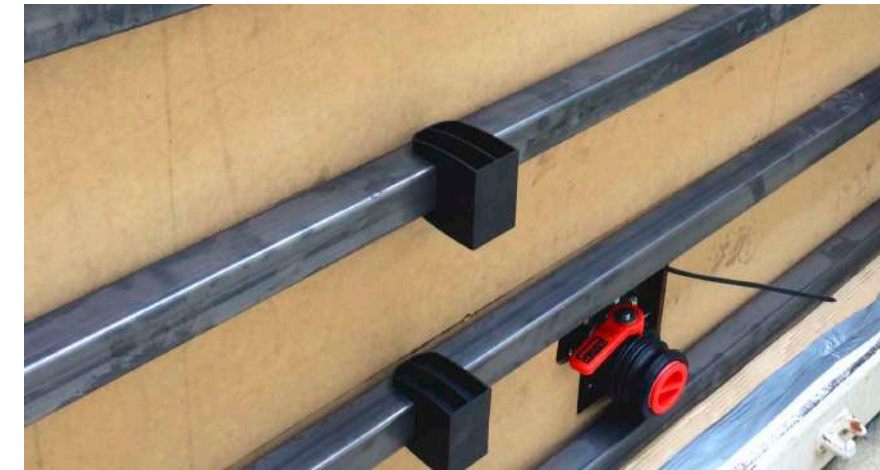


# Bulkhead mirror frame

We offer special frame bulkheads upon request which are extra resilient for the most demanding transport situations by truck, train and boat. Robotic welding and painting are used for a precision finish in our unique Bulkhead factory.

## The TRUST Standard Bulkhead:

- Is COA Approved – TUV Tested
- Structure ensures that valve does not touch the container doors at any time
- Two frame system – easy to install
- Vertically Welded Frame of 80 x 40 x 2mm bars + middle bar of 40 x 40 x 3mm
- PP board 2000GSM; 122CM High



# Bulkhead eco system

Trust Bulkhead ECO 4 or 5 systems with vertical legs and plastic studs.

## Consists of:

- 5 steel bars of 40 x 40 x 3 mm or 50x50x2 mm.
- 5 PP studs + cable ties.
- Innovative bar collapse protection system using vertical supports (legs) to facilitate the assembly.
- Waterproof extra rigid 8mm thick MDF panel (h. 1.40m).
- Resistant and very easy to transport.



# Bulkhead double frame

The TRUST double frame bulkhead.

## Consists of:

- Double frame – easy to install.
- 50 x 50 x 2 mm Steel bars vertically welded.
- PP studs.
- 122cm high Polypropylene or MDF board.
- Painted or natural steel.





# Heaterpad Plus

PRODUCT SPECIFICATIONS

The TRUST Heaterpad Plus **reusable** system is fitted into a 20' container under the TRUST Multilayer Flexitank.

The Heaterpad Plus is based on direct steam input for super fast heating thanks to the sauna effect created in the container.

**Heating tubes:** made of Zinc and are covered by a special heat diffusion blanket allowing a more even and rapid heating as well as avoiding burning of the tank material by the pipes. These tubes can handle up to 3 bar of steam and as a result heat up quicker than isotanks!

It is **ideal for high melting point products** such as vegetable (palm oil, cocoa and shea butter) and animal fats (pig fat, tallow).

## Live test results

NOVEMBER 2018 - GERMANY

### Conditions:

Outside temperature: +/- 12°C

Product: water

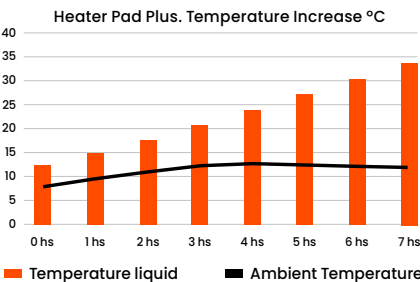
Temperature liquid 12 hrs: 12°C

Temperature liquid 19 hrs: 32°C

Working pressure: 3 bar

Temperature steam: 130°C

Input steam: 60-80kg/hr



> **No intermediate discharge!**

> **Result After 7 Hrs Heating**

+ 21°C increase at top of flexitank

+ 25°C increase at valve level

**Represents 3°C per hour increase!**



# Heaterpad Standard

PRODUCT SPECIFICATIONS

The Standard Heaterpad is fitted into a 20' container under the TRUST Multilayer Flexitank. On arrival at the discharge site, low pressure steam or hot water is passed through the heater pad hoses to heat the product.

The layout and coiled heating surface area of the Heaterpad ensures rapid and even heat up of the product. Once the product has reached a liquid state, product can be pumped out.

**Material:** 32 Rubber tubes + Steel diffuser

Caoutchouc 10mm tubes

**Manifold/connection:** Steel, 25mm tube

**Temperature range:** < 130°C

**Heat source:** Low pressure steam (<0.4 Mpa)



# Static storage tanks

PRODUCT SPECIFICATIONS

Capacity up to 27.000L (larger sizes upon request)

3- CAMLOCK CONNECTION (2" and 4" upon request) SINGLE OR DOUBLE VALVE

### Material

- VALVE: 3" camlock connection (2" and 4" upon request)
- WOVEN PP: 200GSM premium PP silk quality
- PE FILM: LDPE film with or without EVOH oxygen barrier
- Optional aluminium barrier
- 100% made in Europe
- FOOD GRADE (according to EU food regulations 1935/2004, 2023/2006, 10/2011 and FDA 21 CFR 177)

### Use and advantages

- Our freestanding flexitank offers temporary storage at load or destination points.
- Just in time delivery system
  - Emergency response water and fuel storage
  - Irrigation & agricultural solutions
  - This tank can be used for multiple fill/empty cycles
  - We ensure product compatibility and recommend the most suitable tank.



# Certified Quality

Since 2012, Trust Flexitanks has been a fully compliant member of the COA, possessing all required certifications.

- COA membership certificate
- Impact rail test certificate – Beijing China and Pueblo USA
- Iso 9001 Management certificate by Veritas
- Iso 14001 Environmental Management certificate by Veritas
- Training and material testing by PAS
- Insurance certificate by Zurich

## Food compliance:

- HACCP food certification by Veritas



# Contact us

Let's talk about your transport needs.

Whether you're shipping wine, oil, chemicals or food products, we'll help you find the flexitank that fits **perfectly**.

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**trustflexitanks.com**

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**info@trustflexitanks.com**

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**Based in Spain – Shipping worldwide**

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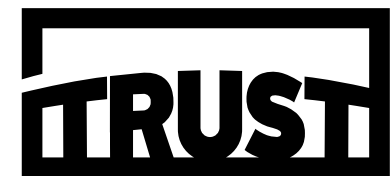
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