



Wines & alcohols

OUR HOSE ASSEMBLIES SOLUTIONS
FOR WINES AND ALCOHOLS

TRELLEBORG GROUP LEADER IN POLYMER SOLUTIONS

Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way. In 2022, the Trelleborg Group had annual sales of approximately SEK 30 billion in around 40 countries.

The Group comprises two business areas: Trelleborg Industrial Solutions and Trelleborg Sealing Solutions. The Trelleborg share has been listed on the Stock Exchange since 1964 and is listed on Nasdaq Stockholm, Large Cap. www.trelleborg.com

www.trelleborg.com



Trelleborg Industrial Solutions



Trelleborg Sealing Solutions

TRELLEBORG FLUID HANDLING SOLUTIONS



Aircraft Refueling



Aquaculture



Chemical Fluid Transfer



Construction



Food & Beverage Production



Marine & Leisure Boat



Petrochemicals



Energy Transfer



Manufacturing & Machine Tools



Water & Waste Water Management



Mining Equipment



Oil Transfer

We Protect the Essential, Innovate for Tomorrow.

At Trelleborg Fluid Handling Solutions, we champion the protection of what's crucial to you - from ensuring the purity of the food on your table to maintaining the environmental integrity of our oceans. Our commitment extends beyond today, preparing for the challenges of tomorrow with innovative, reliable, and sustainable solutions that safeguard people, assets, and the environment.

Your Trusted Partner in Fluid Management.

Built on over 100 years of engineering expertise, Trelleborg Fluid Handling Solutions transcends traditional fluid management.

We're not just about engineering; we're about redefining excellence with precision and care. Our pioneering solutions enhance the fluid transfer process, setting new industry benchmarks for safety, efficiency, and sustainability.

We offer reliable Fluid Handling Solutions.

We engineer the future with top-tier hoses that guarantee a smooth, leak-free flow, increase workplace safety and embody environmental stewardship with sustainable, waste-minimizing designs. We are Trelleborg Fluid Handling Solutions – Your trusted partner in Fluid Handling Solutions.



Hose and hose assemblies for all your transfers, from harvest reception to bottling

Our rubber coated nuts prevent burns and guarantee optimal tightening by hand.

Proprietary fitting system:

- No risk of disconnection
- No retention area, preventing bacterial growth.

Each hose assembly has, engraved on ferrule, assembly date, ID number and pressure test value.

**PHthalates
FREE**

**BISPhenol A
FREE**


REACH

Before first use, you should proceed as follows in order to prevent any alteration of your fluid.

- Fill hose with hot water (70°C to 80°C).
- Keep water inside for minimum 2 hours.
- Then, clean hose using any of the following cleaning processes which should prevent early ageing of your hoses.

△ **ADVICE FOR CLEANING PROCESSES**

- These recommendations are based on maximum of 2 cycles a day (with maximum 15 minutes in total for the chemical cleanings).
- **Every cleaning cycle must be immediately followed by a complete rinse.**
- For any other chemical or mix of chemicals, concentration, duration, temperature and frequency, please contact us to select the best hose for your application.

	Max duration in total	CITERDIAL LACTADIAL - ALCODIAL	SUPERVRAC AL EC TRELLVAC AL EC	ALIKLER D ALIKLER G2 - BIOVAST BIOCLEAR - KLENET	BEERDIAL - VINITRELL G2 MILLESIME TRELLVIN - BERGALAV MULTIDIAL UPE - FOOD 10 HOT EU
Hot water	max 30 minutes	• max 90 °C		• max 95 °C	
Steam (open end circuit)	max 10 or 30 minutes	• max 110 °C during max 10 minutes	• max 130 °C during max 30 minutes		
Nitric acid	max 15 minutes	• 0.1% at max 85 °C • 3% at room temperature			
Phosphoric acid		• 1% at max 85 °C • 3% at room temperature			
Chlorinated products (hydrochloric acid, sodium hypochlorite...)		• 1% at max 70 °C			
Sodium hydroxide		• 2% at max 80 °C • 5% at room temp.	• 2% at max 60 °C • 5% at room temperature		• 2% at max 80 °C • 5% at room temp.
Hydrogen peroxide		• 3% at room temperature			• 1.5% at max 85 °C • 3% at room temp.
Peracetic acid		• 0.5% at room temp.	• 1% at room temp.		• 1% at max 50 °C

△ REGULAR CHECKS	It is recommended to carry out regular checks on the hose (cover and tube) to make sure it is still safe of use as its original properties will eventually alter upon usage.
△ STORAGE	Keep away from (sun) light and heat. Only use pierced plugs when needed.
△ STAGNATION	Prohibited except with ALCODIAL or MULTIDIAL UPE, for limited duration.
⊘ BE CAREFUL	Do not use high pressure cleaning systems to wash inside the hose.

REGULATIONS AND STANDARDS

Compounds and hoses are all complying with latest regulations:

- European regulations 1935/2004 and 2023/2006, 10/2011 for ALCODIAL and MULTIDIAL UPE.
- France: Brochure 1227, order of 9/11/1994 ;
- Germany: BfR recommendation XXI when applicable ;
- USA: FDA - 21 CFR 177.2600 and CFR 177.1520 for ALCODIAL and MULTIDIAL UPE.



Made in **France**

Distillery

Transfer for alcohol up to 99%: Brandies and spirits.

Suitable for all other drinks: wine, beer, fruit juice, milk, etc.

Designed for equipment of:

- production plant (distillery, spirit and liquor producers)
- loading or unloading bays from road and rails tankers.

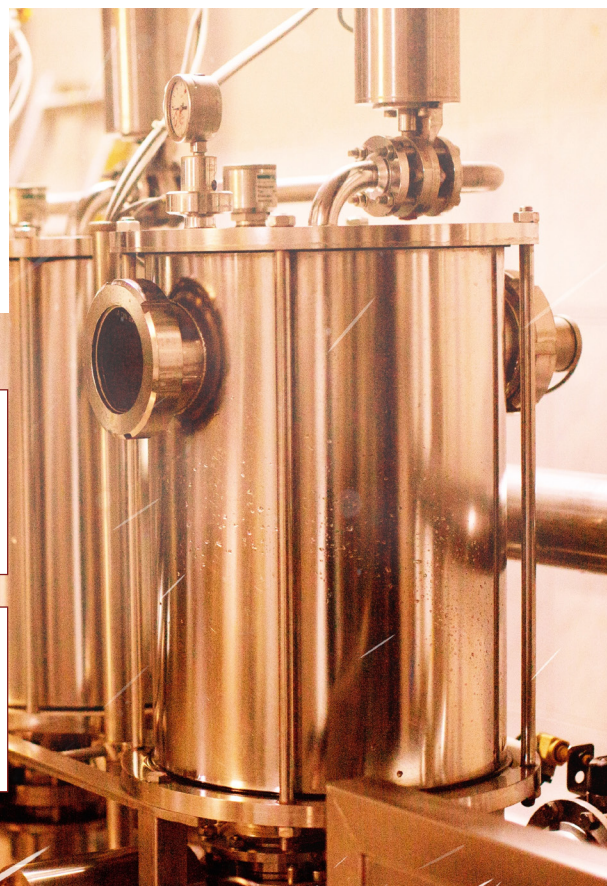
ALCODIAL

Organoleptic neutral
Temporary stagnation
10 bar/80 °C
Diameter 25 to 76 mm



MULTIDIAL UPE

Polyvalent
High chemical resistance
10 bar/100 °C
Diameter 25 to 100 mm



Couplings & accessories

TRELLEBORG coupling system has been designed to meet any connection used on your equipment. Our distribution partners, all over the world, will make hose assemblies to your request following the TRELLEBORG procedures.

UTS Trelleborg Universal System: DIN, MACON, SMS, CLAMP, GUILLEMIN, SPHERICAL (EURO RAPID).



DIN



MACON



SMS



CLAMP



GUILLEMIN



SPHERICAL



STAINLESS STEEL NUT



FERRULE UTS



LIGHT HANDLE-TECH



HANDLE-TECH



RUBBER COATED NUT®



RUBBER PROTECTION RING

Winery

Hose and hose assemblies for all your transfers, from harvest reception to bottling

Wine growers, wine masters, œnologists, cooperatives, your activity requires exceptional equipment. TRELLEBORG hoses and hose assemblies preserve quality and taste of your wines and alcohols.

VINITRELL G2

Vinification
Excellent flexibility
Optimum organoleptic neutrality
Alcohol up to 96%
10 bar/120°C
6 bar/120°C for ND 100 to 150
Diameter 38 to 150 mm



CITERDIAL

Vinification
Bottling
Unrivalled flexibility
Soft
10 bar/80°C
Diameter 25 to 150 mm



TRELLVIN

Bottling
Accidental crush resistant
Light weight
10 bar/100°C
Diameter 38 to 63 mm





Breweries

NEW

BEERDIAL

Alcohol up to 96%
Excellent flexibility
Optimum organoleptic neutrality
High temperature
15 bar/120°C
Diameter 25 to 100 mm



FOOD 10 HOT EU

Good resistance to pressure
Smooth white food grade tube
10 bar/100°C
Diameter 25 to 150 mm



ALIKLER G2

Fat product transfer
Flexible
Robust
10 bar/100°C
Diameter 25 to 150 mm



ALIKLER D

Fat product transfer
High pressure
Accidental crush
resistant
15 bar/100°C
Diameter 25 to 100 mm





SAFEFLOW®

NEW

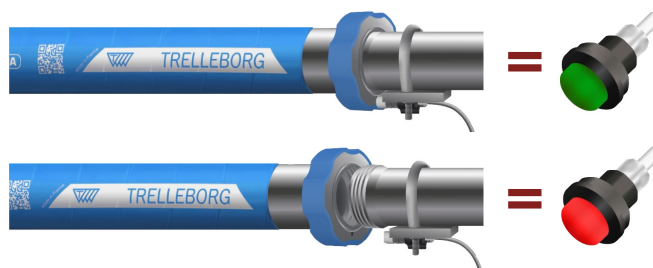
The future of your fluid transfer management

The answer to your Food Safety and Food Defense issues.

The promise of improve security, efficiency, and traceability of your fluid transfer.

DETECTION SOLUTION

A coupling connection integrating and RFID chip associated with a sensor, in other words a reader head, makes it possible to detect, in real time, whether your fitting is tight and waterlight.



CONNECTION SOLUTION

The detection solution is now connected to Master IO Link with an industrial controller allowing generate intelligence and thus optimize traceability, monitoring and reliability of your flows and equipment.

A revolution in the world of industrial hoses.



CLEANING APPLICATION



KLENET

Water cleaning
10 bar/95 °C
Diameter 13 to 25 mm



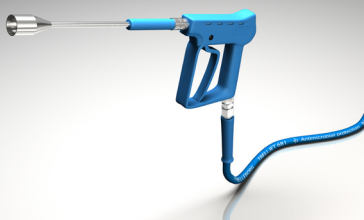
BIOVAST

Steam cleaning
Fat and oil resistance
20 bar/100 °C
Diameter 13 to 25 mm



BERGALAV

Hot water cleaning
Steam cleaning occasionally
10 bar/100 °C
Diameter 10 to 25 mm



TRELLJET 681 AP

High pressure water cleaning
Anti-microbial cover
200 bar/120 °C
Diameter 10 to 13 mm



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WWW.TRELLEBORG.COM/FLUIDHANDLING



Trelleborg Fluid Handling Solutions

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