

Wines and alcohols



Fluid transfer solutions

Our hose assemblies solutions for wines and alcohols

www.trelleborg.com/fluidhandling

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. The Trelleborg Group has annual sales of about SEK 33 billion (EUR 3.13 billion, USD 3.57 billion) in about 50 countries. The Group comprises three business areas: Trelleborg Industrial Solutions, Trelleborg Sealing Solutions and Trelleborg Wheel Systems. The Trelleborg share has been listed on the Stock Exchange since 1964 and is listed on Nasdaq Stockholm, Large Cap. www.trelleborg.com



Trelleborg Industrial Solutions



Trelleborg Sealing Solutions



Trelleborg Wheel Systems

TRELLEBORG FLUID HANDLING SOLUTIONS

With over 1,500 employees, located in Europe, Turkey, Australia and China, Trelleborg Fluid Handling Solutions is a key supplier focusing on fluid handling technologies as well as material protection in demanding areas.

The Trelleborg Fluid Handling team provides high performance solutions for oil and gas transfer for marine applications, fluid handling systems in the industrial applications and full material and equipment protection in the mining industry.

Trelleborg Fluid Handling Solutions develops, designs, manufactures low and medium pressure hoses with their fittings, oil & gas marine break-away couplings and hoses, filtration for LNG and industrial applications, rubber sheeting and matting, expansion joints and wear protection lining equipment based on advanced polymer technology.



Industrial hoses



Offshore oil and gas transfer



Oil and gas flow control



Rubber sheeting and matting



Expansion joints



Mining and mineral processing

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



PHthalates FREE

BISphenol A FREE

REACH

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


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

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 VENDANGE - VINITRELL	SUPERVRAC AL EC TRELLVAC AL EC	ALIKLER D ALIKLER G2 - BIOVAST BIOCLEAN - KLENET	MILLESIME TRELLVIN - BERGALAV MULTIDIAL UPE
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 ;
- 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.



Made in France



reliability

hygien

safety

CLEANING

KLENET

10 bar/95°C
Diameter 13 to 25 mm



BIOVAST

20 bar/100°C
Diameter 13 to 25 mm



TRELLJET 681 AP
200 bar/120°C
Diameter 10 to 13 mm

BERGALAV
10 bar/100°C
Diameter 10 to 25 mm



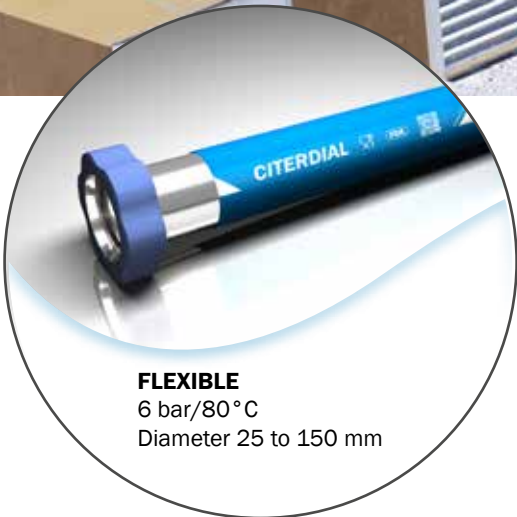
**Kink prevention
solution**

WINERY

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.

Thermovinification
Transfer
Flash pasteurization
Cleaning

Bottling process



FLEXIBLE
6 bar/80°C
Diameter 25 to 150 mm



ROBUST
10 bar/100°C
Diameter 25 to 150 mm



ACCIDENTAL CRUSH R
10 bar/100°C
Diameter 38 to 63 mm

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.

NEW UTS



UTS new universal system: SMS, DIN, CLAMP, GUILLEMIN, MACON, SPHERICAL (EURO RAPID)

Sight glass



Grape harvest reception
Marc transfer

Filtration
Clarification

Cleaning



RESISTANT



LIGHT/SLICKING
10 bar/80°C
Diameter 38 to 75 mm



LIGHT/VERY FLEXIBLE/SLICKING
6 bar/80°C
Diameter 100 to 150 mm



RUBBER COATED NUT®
Exclusive TRELLEBORG design

NEW HANDLE-TECH
Improve safety & efficiency of hose handling





TEGUFLEX white
16 bar/90 °C



SHEETING AND FOOD GASKETS
NR/NBR
FKM special alcohol



ALCODIAL
10 bar/80 °C
Diameter 25 to 76 mm



MULTIDIAL UPE
10 bar/100 °C
Diameter 25 to 102 mm

DISTILLERY



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.

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