



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 engineered solutions accelerate performance for customers in a sustainable way.



Trelleborg Coated Systems



Trelleborg Industrial Solutions



Trelleborg Offshore & Construction



Trelleborg Sealing Solutions



Trelleborg Wheel Systems

TRELLEBORG FLUID HANDLING SOLUTIONS

Trelleborg Fluid Handling Solutions is part of the business area Trelleborg Industrial Solutions.

With over 1,000 employees and a head office located in Clermont-Ferrand in France, Trelleborg Fluid Handling Solutions is a leading developer, manufacturer and supplier of low and medium pressure industrial hoses, Oil & Gas hoses, rubber sheeting and matting and expansion joints based on advanced polymer technology.

We provide the optimum high performance solutions for every situation with production sites in France, Spain, Sweden and Turkey.

Trelleborg Fluid Handling Solutions offer a very large range of competitive products, solutions and services that meet your needs and requirements for all types of applications.



Industrial hoses



Oil & Gas hoses



Expansion joints



Rubber sheeting and matting



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

HIGHER RELIABILITY AND SAFETY

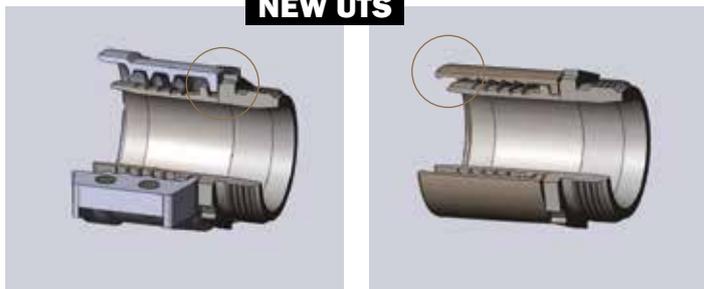
Advantages of the crimped solution

No risk of disconnection, no risk of product loss.
Elimination of prominent parts, safe and easy handling.

Advantages of rubber

Without phthalates.
Resistance to hammer shocks.
Pressure resistant.
At extreme working conditions (swift temperature changes), hose will keep shape and flexibility.

NEW UTS



No risk of disconnection

No retention area, preventing bacterial growth

BETTER HYGIENE

No retention area, preventing bacterial growth, TRELLEBORG crimp solution guarantees full flow hose/coupling.

Resistance to extreme cleaning:

- High temperature (up to 90°C during several minutes).
- Steam (up to 130°C during several minutes).

Advice to users of Trelleborg food hoses

Before first use, you should proceed as follows:

- Fill hose with hot water (+ 70°C to + 80°C).
- Keep water inside for minimum 12 hours.
- Then, clean hose using any of the following cleaning processes.

**PHTHALATES
FREE**

ADVICE FOR CLEANING PROCESSES

1) Water/Steam

Hot water	Steam
CITERDIAL - LACTADIAL - ALCODIAL VENDANGE - VINITRELL SUPERVRAC AL EC - TRELLVAC AL EC	
90 °C maximum	110 °C during maximum 10 minutes
ALIKLER G2 - ALIKLER D MILLESIME - TRELLVIN	
95 °C maximum	130 °C during 30 minutes

2) Chemicals

Nitric acid (HNO₃) or product with additional nitric acid.
Maximum concentration:..... 0.1 % at 85 °C
..... 3 % at room temperature

Chlorine (Cl) or product with additional chlorine.
Maximum concentration:..... 1 % at maximum 70 °C

Sodium hydroxide (NaOH) or product with additional sodium hydroxide.
Maximum concentration:..... 2 % from 60 °C to 80 °C
..... 5 % at room temperature

Hydrogen peroxide (H₂O₂) or product with additional hydrogen peroxide.
Maximum concentration:..... 3 % at room temperature
MILLESIME only:..... 1.5 % at maximum 85 °C

EVERY CLEANING CYCLE MUST BE IMMEDIATELY FOLLOWED BY A COMPLETE RINSE

△ Storage

Keep away from (sun) light and heat.
Only use pierced plugs when needed.

△ Stagnation

With ALCODIAL only.

- ⊖ **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 recommandation XXI when applicable ;
- **USA:** FDA - 21 CFR 177.2600 and CFR 177.1520 for ALCODIAL ;
- and contain **no phthalate, nor bisphenol A.**



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

DISTILLERY

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WWW.TRELLEBORG.COM