

ALCODIAL



FOOD & BEVERAGE

Food industry/Transfer



APPLICATIONS

Particularly adapted for alcohol transfer up to 99%.
 Suitable for all drinks: wine, beer, brandies and spirits, fruit juice, milk, etc.
 Designed for equipment of:
 - production plants (distillery, spirit and liqueur producer, etc),
 - loading or unloading bays from road and rails tankers.

ADVANTAGES

- Very flexible and anti-kinking resistant hose.
- UPE inner tube accepting alcohol temporary stagnation without risk of migration.
- Odourless and tasteless inner tube.
- Non-marking, abrasion resistant cover.
- Contains no phthalate.

Tested and qualified by the BNIC (Bureau National Interprofessionnel du Cognac).

COUPLING/FITTINGS

Trelleborg's UTS coupling system has been designed to fit all connections used on your food processing equipment.

We have developed specific coupling solutions to prevent contamination and preserve product quality. Please contact us for further information.

TECHNICAL DESCRIPTION

Inner tube	food grade UPE, white, smooth.
Reinforcement	synthetic textile with embedded steel helix
Cover	NR, blue, fabric impression.
Working temperature	-30°C => +80°C.
Special Properties	Max. vacuum: 0.9 bar.

STANDARD/APPROVAL

EU regulations No. 1935/2004, 2023/2006, 10/2011 and 2024/3190.

EU

FDA regulation No. 21 CFR 177.1520.

FDA

French directive TMD (carriage of dangerous goods in France)

TMD

All relevant migrations tests (France and FDA) were performed by the French institute of Poitiers (IANESCO) and confirmed compliant.



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ID (MM)	OD (MM)	WORKING PRESSURE (BAR)	BURSTING PRESSURE (BAR)	BENDING RADIUS (MM)	WEIGHT (KG/M)	LENGTH (M)	ARTICLE NUMBER
25.0	36.0	10	30	55	0.80	20.0	5501078
25.0	36.0	10	30	55	0.80	40.0	5501079
32.0	43.0	10	30	70	0.93	20.0	5501080
32.0	43.0	10	30	70	0.93	40.0	5501081
38.0	49.0	10	30	84	1.12	20.0	5501082
38.0	49.0	10	30	84	1.12	40.0	5501083
51.0	62.5	10	30	112	1.43	20.0	5501084
51.0	62.5	10	30	112	1.43	40.0	5501085
63.0	74.5	10	30	139	2.08	20.0	5501086
63.0	74.5	10	30	139	2.08	40.0	5501087
70.0	83.0	10	30	154	2.61	20.0	5501088
70.0	83.0	10	30	154	2.61	40.0	5501089
76.0	89.0	10	30	167	2.86	20.0	5501090
76.0	89.0	10	30	167	2.86	40.0	5501091

Tolerance on length: -2%/+0

ADVICE FOR CLEANING PROCESSES**⚠ Before first use:**

- Fill with hot water (70–80 °C) and let stand for at least 2 hours.
- Then clean using a suitable process to prevent premature aging.

Maximum of **2 cleaning cycles per day** (total of 15 min for chemical cycles), followed by a **thorough rinse**.

⚠ Maintenance / Storage

- Regularly check the condition of the hose.
- Store away from light and heat.
- Avoid stagnation (except with ALCODIAL or MULTIDIAL UPE, for limited duration).
- Do not use high-pressure cleaning inside.

These recommendations are provided for guidance only. Other cleaning conditions may also be suitable depending on the application. For more detailed instructions or tailored advice, please refer to our cleaning guidelines or contact us.

Cleaning agents	Max duration in total	Conditions
Hot water	<i>max 30 minutes</i>	max 90 °C
Steam (open end circuit)	<i>max 10 minutes</i>	max 110 °C
Nitric acid (HNO ₃)	<i>max 15 minutes</i>	0.1% at max 85 °C / 3% at room temperature
Phosphoric acid (H ₃ P ₀ 4)		1% at max 85 °C / 3% at room temperature
Chlorinated products (HCl, NAClO, ...)		1% at max 70 °C
Sodium hydroxide (NAOH)		2% at max 80 °C / 5% at room temperature
Hydrogen peroxide (H ₂ O ₂)		3% at room temperature
Peracetic acid (C ₂ H ₄ O ₃)		0.5% at room temperature

