

# CITERDIAL



**FOOD & BEVERAGE**

Food industry/Transfer



## APPLICATIONS

For milk handling: tanker lorries for milk collection and transport, dairy unloading bays and stationary equipment, processing and filling plant. Also for transfer of other liquid foodstuffs such as wine, beer, cider, fruit juice, vinegar and alcohol up to 50%, with exception of fatty foodstuffs and oils.

## ADVANTAGES

- Extremely flexible to accept the smallest bending radius without kinking.
- Smooth, seamless, white tube that does not propagate bacterial growth and complies with the most stringent French, European and American requirements for foodstuff handling.
- Unaffected by changes in temperature, the advantage of rubber over PVC.
- Resistant to cleaning with most common detergents (see our cleaning guideline for details) or with steam at max. 110°C during 10 minutes max.
- Non-marking, abrasion resistant cover.
- Contains no phthalate.

## 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 quality NR, white, smooth.
Reinforcement	synthetic textile with embedded steel helix
Cover	weather and abrasion resistant 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 and 2024/3190.

**EU**

FDA regulation No. 21 CFR 177.2600.

**FDA**

French legislation: Decree of August 5, 2020 (latest applicable version effective from July 1, 2025).

**FR**

German legislation: BfR recommendation XXI cat. 2.

**BfR**

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	50	0.70	20.0	0122924
25.0	36.0	10	30	50	0.70	40.0	0127209
32.0	43.0	10	30	64	0.82	40.0	0123639
38.0	49.0	10	30	76	1.14	13.3	0060068
38.0	49.0	10	30	76	1.14	40.0	0060069
40.0	51.0	10	30	80	1.27	13.3	0060072
40.0	51.0	10	30	80	1.27	40.0	0060074
45.0	56.0	10	30	90	1.38	40.0	0060142
51.0	63.0	10	30	102	1.79	13.3	0060777
51.0	63.0	10	30	102	1.79	15.0	0060776
51.0	63.0	10	30	102	1.79	40.0	0060775
53.0	65.0	10	30	106	1.85	20.0	0122926
53.0	65.0	10	30	106	1.85	40.0	0060082
60.0	72.0	10	30	120	2.09	40.0	0060085
63.0	75.0	10	30	126	2.17	13.3	0060086
63.0	75.0	10	30	126	2.17	15.0	0060087
63.0	75.0	10	30	126	2.17	40.0	0060089
70.0	83.5	10	30	140	2.62	13.3	0060090
70.0	83.5	10	30	140	2.62	40.0	0060092
76.0	89.5	10	30	152	3.03	13.3	0060788
76.0	89.5	10	30	152	3.03	40.0	0060787
100.0	114.0	10	30	350	3.67	20.0	0060099
100.0	114.0	10	30	350	3.67	40.0	0060071
125.0	145.5	10	30	450	6.05	10.0	0060202
125.0	145.5	10	30	450	6.05	20.0	0060203
150.0	171.5	10	30	530	7.02	20.0	0060205

Tolerance on length:  $\pm 1\%$  (ISO 1307 Standard).**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 <sub>3</sub> )	<i>max 15 minutes</i>	0.1% at max 85 °C / 3% at room temperature
Phosphoric acid (H <sub>3</sub> PO <sub>4</sub> )		1% at max 85 °C / 3% at room temperature
Chlorinated products (HCl, NACIO, ...)		1% at max 70 °C
Sodium hydroxide (NAOH)		2% at max 80 °C / 5% at room temperature
Hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> )		3% at room temperature
Peracetic acid (C <sub>2</sub> H <sub>4</sub> O <sub>3</sub> )		0.5% at room temperature

