

MULTIDIAL UPE



FOOD & BEVERAGE

Food industry/Transfer



APPLICATIONS

Suitable for suction or discharge of any aqueous, acidic and oily foodstuffs such as milk, juices, wine, beer, brandies and spirits, vegetable oils.

Designed for:

- processing plants,
- loading or unloading bays from road and rails tankers.

ADVANTAGES

- Food grade UPE inner tube resisting most commonly used chemical cleaning, even at high concentration/temperatures.
- Can also be cleaned with steam up to +130°C for 30 minutes.
- Odourless and tasteless inner tube material.
- 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 UPE (ultra high molecular weight polyethylene), white, smooth.
Reinforcement	synthetic textile with embedded steel helix
Cover	weather resistant EPDM, blue, fabric impression.
Working temperature	-30°C => +100°C.
Special Properties	Max. vacuum: 0.9 bar.

STANDARD/APPROVAL

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

EU

FDA regulation No. 21 CFR 177.1520.

FDA

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

UPE



FDA



Made in France

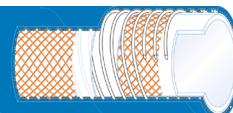


TRELLEBORG

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FDA





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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	80	0.88	20.0	5513995
25.0	36.0	10	30	80	0.88	40.0	5513996
32.0	43.0	10	30	100	1.06	40.0	5514149
38.0	49.0	10	30	120	1.26	20.0	5513997
38.0	49.0	10	30	120	1.26	40.0	5513998
51.0	63.5	10	30	160	1.70	20.0	5513999
51.0	63.5	10	30	160	1.70	40.0	5514000
63.0	75.0	10	30	200	2.39	20.0	5514001
63.0	75.0	10	30	200	2.39	40.0	5514002
76.0	89.0	10	30	250	3.26	20.0	5514003
76.0	89.0	10	30	250	3.26	40.0	5514004
100.0	114.0	10	30	400	4.49	20.0	5514005
100.0	114.0	10	30	400	4.49	40.0	5514006

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 95 °C
Steam (open end circuit)	<i>max 30 minutes</i>	max 130 °C
Nitric acid (HNO ₃)	<i>max 15 minutes</i>	0.1% at max 85 °C / 3% at room temperature
Phosphoric acid (H ₃ PO ₄)		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 ₂ O ₂)		1.5% at max 85 °C / 3% at room temperature
Peracetic acid (C ₂ H ₄ O ₃)		1% at max 50 °C

