

FOOD 10 OIL EU



FOOD & BEVERAGE

Food industry/Transfer



APPLICATIONS

Suction and discharge of liquid foodstuffs such as vegetable oils, wine, beer, milk, fats, cider, fruit juice and alcohol up to 50%.

ADVANTAGES

- Good resistance to pressure.
- Smooth white food grade tube that doesn't propagate bacterial growth.
- Resistant to cleaning with most common detergents (see our cleaning guideline for details) or with steam at max. 130°C.
- Cover with good weather resistance.
- 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 oil resistant NBR, white, smooth
Reinforcement	synthetic textile with embedded steel helix
Cover	oil and weather resistant NBR/PVC, blue, fabric impression.
Working temperature	-30°C => +85°C.
Special Properties	Max. vacuum: 0.9 bar.

STANDARD/APPROVAL

EU regulations No. 1935/2004, 2023/2006 and 2024/3190.
Including simulant D2.

EU

FDA regulation No. 21 CFR 177.2600.

FDA

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
19.0	29.0	10	30	76	0.55	40.0	59020969
25.0	35.0	10	30	100	0.69	40.0	59020970
32.0	43.0	10	30	128	0.96	40.0	59020971
38.0	49.0	10	30	152	1.13	40.0	59020972
51.0	63.0	10	30	204	1.77	40.0	59020973
63.0	76.0	10	30	252	2.30	40.0	59020974
76.0	90.0	10	30	304	3.04	40.0	59020975
102.0	116.0	10	30	408	3.98	40.0	59020976

Tolerance on length: ±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 P ₀ 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 60 °C / 5% at room temperature
Hydrogen peroxide (H ₂ O ₂)		3% at room temperature
Peracetic acid (C ₂ H ₄ O ₃)		1% at room temperature