

KLENET



FOOD & BEVERAGE

Food industry/Cleaning



APPLICATIONS

Washdown and cleaning in food processing industries, canneries, dairies, slaughterhouses, etc.

Also suitable for transfer of aqueous, acidic, alcoholic (up to 70%) or fatty liquid foodstuffs.

ADVANTAGES

- Very good resistance to high temperatures.
- Smooth for easy handling with light-coloured, non-marking cover.
- Excellent resistance of the cover compound to animal and vegetable grease.
- Contains no phthalate.

COUPLING/FITTINGS

Specially designed fittings are available, please contact us for further information in order to get optimum connections.

COMPLEMENTARY INFORMATION

Not recommended with washdown guns.

TECHNICAL DESCRIPTION

Inner tube	food grade quality oil resistant NBR, white, smooth.
Reinforcement	synthetic textile
Cover	oil and weather resistant NBR/PVC, blue, smooth.
Working temperature	-20°C => +95°C.

STANDARD/APPROVAL

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

EU

FDA regulation No. 21 CFR 177.2600.

FDA

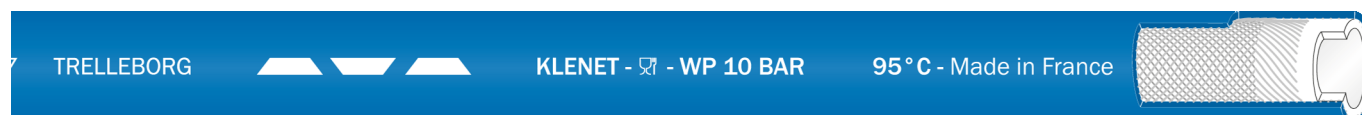
French legislation: Decree of August 5, 2020 (latest applicable version effective from July 1, 2025).

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.



and embossed: week/year - batch number



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ID (MM)	OD (MM)	WORKING PRESSURE (BAR)	BURSTING PRESSURE (BAR)	BENDING RADIUS (MM)	WEIGHT (KG/M)	LENGTH (M)	ARTICLE NUMBER
13.0	21.4	10	30	80	0.30	20.0	0060962
13.0	21.4	10	30	80	0.30	40.0	0060961
13.0	21.4	10	30	80	0.30	60.0	0060952
13.0	21.4	10	30	80	0.30	120.0	0060953
16.0	25.0	10	30	95	0.38	20.0	0060964
16.0	25.0	10	30	95	0.38	40.0	0060963
16.0	25.0	10	30	95	0.38	60.0	0060954
16.0	25.0	10	30	95	0.38	120.0	0060955
19.0	28.4	10	30	115	0.48	20.0	0060966
19.0	28.4	10	30	115	0.48	40.0	0060965
19.0	28.4	10	30	115	0.48	60.0	0060956
25.0	35.0	10	30	155	0.62	20.0	0060968
25.0	35.0	10	30	155	0.62	40.0	0060967
25.0	35.0	10	30	155	0.62	60.0	0060957

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 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

