

BIOCLEAN



FOOD & BEVERAGE

Food industry/High pressure cleaning



APPLICATIONS

High pressure cleaning specifically for food industries.

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

ADVANTAGES

- Very flexible.
- Non-marking cover.
- Food grade quality white inner tube, oil resistant.
- Branding over red stripe for easy and quick identification.
- Contains no phthalate.

COUPLING/FITTINGS

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

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 => +100°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
7.9	15.9	60	180	50	0.20	20.0	5026076
7.9	15.9	60	180	50	0.20	40.0	5026077
7.9	15.9	60	180	50	0.20	120.0	5026109
9.5	18.0	60	180	60	0.25	20.0	5026110
9.5	18.0	60	180	60	0.25	40.0	5026113
9.5	18.0	60	180	60	0.25	80.0	5026114
9.5	18.0	60	180	60	0.25	120.0	5026115
12.7	22.0	60	180	70	0.34	20.0	5012778
12.7	22.0	60	180	70	0.34	40.0	5012779
12.7	22.0	60	180	70	0.34	80.0	5026111
12.7	22.0	60	180	70	0.34	120.0	5026112
15.9	26.5	60	180	80	0.48	20	5026079
15.9	26.5	60	180	80	0.48	40	5026080
15.9	26.5	60	180	80	0.48	80	5026081
15.9	26.5	60	180	80	0.48	120	5026116

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

