

**TECHNICAL FEATURES**

Trade name	Graduated narrow neck bottles
Use	Ideal for transporting toxic waste waters, boiler steel water etc. back to laboratory analysis
Material	Polypropylene (PP)
Other features	Bottle can be secured using shoulder and cap tag to avoid sample contamination in transit

**DIMENSIONAL FEATURES**

Capacity	50 ml
Graduation	10 ml
O.D. diameter	38 mm
Height mm	92 mm
Mouth diam	13 mm
DIN	GL 18

**GENERAL FEATURES**

CE Mark	No
Foodstuff suitability	Yes
Conformity	DIN 13316 and 168

**STERILIZATION OF THE BOTTLE**

Autoclavable at +121°C	Yes – without cap
Gas (Ethylene Oxide)	Yes
Dry at +160°C	No
Chemical (Formalin)	Yes
Radiations	Yes
Microwaves	Yes

**Quality Assurance**  
Massimiliano Capitanio**Technical Direction**  
Guido Borona

**CLEANING OPERATIONS**

<b>Slight contamination</b>	Wash using a chemically neutral (pH7) cleaning agent
<b>Heavy contamination</b>	Wash using alkaline (pH up to 12) cleaning agent

**CHEMICAL RESISTANCES (bottle)**

Categories of substances	Reference	Concentrazione %	T. 20° C	T. 40° C	T. 60° C
<b>Inorganic Acid</b>	Sulphuric acid	98	B	C	-
<b>Organic Acid</b>	Benzoic acid	100	A	B	B
<b>Alcohol</b>	Ethanol	100	A	A	A
<b>Aldehydes</b>	Acetaldehyde	100	B	C	-
<b>Inorganic alkali</b>	Sodium hydroxide	50	A	A	A
<b>Organic alkali</b>	Aniline	100	A	B	C
<b>Ketone</b>	Acetone	100	A	A	-
<b>Esther</b>	Ethyl acetate	100	B	B	C
<b>Hydrocarbons, halogenated</b>	Dichloroethylene	100	C	-	-
<b>Hydrocarbons, aromatic</b>	Benzene	100	B	C	-
<b>Hydrocarbons, linear</b>	Hexane	100	B	B	C
<b>Supersolvent</b>	Tetrahydrofuran	100	B	B	C

**Legenda** (not applicable if neglected):

- **A: fair resistance;** exposure (30 days) to the chemical does not cause any damage.
- **B: sufficient resistance;** exposure causes damage of poor importance, which sometimes is only temporary.
- **C: poor resistance;** exposure to chemical is not allowed, or causes immediate permanent damages.

Results of testing with reference materials are to be considered as indication: in case of specific use it is recommended to carry out preliminary testing.

Information about resistance of plastic materials to temperatures, sterilization and washing treatments are based on bulletins issued by the Producers of raw materials, on literature data and on the experience gained in using the products

**PACKAGING**

<b>Box</b>	100 pcs
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