

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	1000 ml
Graduation	100 ml
O.D. diameter	95 mm
Height mm	224 mm
Mouth diam	23 mm
DIN	GL 32

**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

CLEANING OPERATIONS

Slight contamination	Wash using a chemically neutral (pH7) cleaning agent
Heavy contamination	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
Inorganic Acid	Sulphuric acid	98	B	C	-
Organic Acid	Benzoic acid	100	A	B	B
Alcohol	Ethanol	100	A	A	A
Aldehydes	Acetaldehyde	100	B	C	-
Inorganic alkali	Sodium hydroxide	50	A	A	A
Organic alkali	Aniline	100	A	B	C
Ketone	Acetone	100	A	A	-
Esther	Ethyl acetate	100	B	B	C
Hydrocarbons, halogenated	Dichloroethylene	100	C	-	-
Hydrocarbons, aromatic	Benzene	100	B	C	-
Hydrocarbons, linear	Hexane	100	B	B	C
Supersolvent	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

Box	20 pcs
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DOMINIQUE DUTSHER SAS