

**TECHNICAL FEATURES**

<b>Trade Name</b>	Graduated narrow neck bottles – without caps
<b>Use</b>	An ideal bottle for water and oils
<b>Material</b>	Polyethylene HDPE
<b>Other features</b>	There are no shoulders to restrict the flow

**DIMENSIONAL FEATURES**

<b>Height</b>	mm. 180,00
<b>Base diameter</b>	mm. 75,00
<b>Mouth diameter</b>	mm. 19 (DIN GL 25)
<b>General dimensional tolerance</b>	mm. +/- 1,00
<b>Wall thickness (bottle)</b>	mm. 0,60 +/- 0,2
<b>Capacity</b>	ml. 500

**GENERAL FEATURES**

<b>CE Mark</b>	No
<b>Foodstuff suitability</b>	Yes
<b>Neck and thread</b>	Conformity to DIN 13316 and 168
<b>Graduation</b>	Graduated. Can be used as rough measures
<b>Sealing</b>	Can be secured using shoulder and cap tag to avoid sample contamination in transit

**STERILIZATION OF THE BOTTLE**

<b>Autoclavable at +121°C</b>	No
<b>Gas (Ethylene Oxide)</b>	Yes
<b>Dry at +160°C</b>	No
<b>Chemical (Formalin)</b>	Yes
<b>Radiations</b>	Yes
<b>Microwaves</b>	Yes

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

**CLEANING OPERATIONS**

Slight contamination	Wash with chemically neutral (pH7) cleaning agents
Heavy contamination	Wash with alkaline (pH up to 12) cleaning agent

**CHEMICAL RESISTANCES**

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

Bag	25 pcs
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**DOMINIQUE DUTSHER SAS**