

TECHNICAL SPECIFICATIONS

Trade Name	Volumetric flasks with screw cap
Use	Volumetric flasks
Material	Polypropylene PP
Other Features	Nomeniscous to facilitate final readings Chemically not absorbant No wetting Screw cap included

DIMENSIONAL SPECIFICATIONS

Capacity	ml. 25
Height	mm. 121
External diameter	mm. 36
DIN ST	GL 18

**GENERAL FEATURES**

CE Mark	No
Foodstuff suitability	Yes
Calibration	Gravimetrically calibrated at 20° C
Aspect	Translucency of PP enhanced when in contact with liquid
Wall	Thick walls eliminate distortion
Neck	Thin neck makes final reading precise

STERILIZATION

Autoclavability + 121°C	Yes
Gas (Ethylene Oxide)	Yes
Dry Heat (+160°C)	No
Chemical (Formalin)	Yes
Irradiation	Yes
Microwave	Yes

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CLEANING OPERATIONS

Slight contamination	Wash with neutral detergent (pH 7)
Consistent contamination	Wash with alkaline detergent (pH up to 12)

CHEMICAL RESISTANCES (Polypropylene)

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	-	-	-
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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