

**TECHNICAL SPECIFICATIONS**

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

**DIMENSIONAL SPECIFICATIONS**

<b>Capacity</b>	ml. 500
<b>Height</b>	mm. 265
<b>External diameter</b>	mm. 100
<b>DIN ST</b>	GL 25

**GENERAL FEATURES**

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

**STERILIZATION**

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

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

**CLEANING OPERATIONS**

<b>Slight contamination</b>	Wash with neutral detergent (pH 7)
<b>Consistent contamination</b>	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
<b>Inorganic Acid</b>	Sulphuric acid	98	<b>B</b>	<b>C</b>	-
<b>Organic Acid</b>	Benzoic acid	100	<b>A</b>	<b>B</b>	<b>B</b>
<b>Alcohol</b>	Ethanol	100	<b>A</b>	<b>A</b>	<b>A</b>
<b>Aldehydes</b>	Acetaldehyde	100	<b>B</b>	<b>C</b>	-
<b>Inorganic alkali</b>	Sodium hydroxide	50	<b>A</b>	<b>A</b>	<b>A</b>
<b>Organic alkali</b>	Aniline	100	<b>A</b>	<b>B</b>	<b>C</b>
<b>Ketone</b>	Acetone	100	-	-	-
<b>Esther</b>	Ethyl acetate	100	<b>B</b>	<b>B</b>	<b>C</b>
<b>Hydrocarbons, halogenated</b>	Dichloroethylene	100	<b>C</b>	-	-
<b>Hydrocarbons, aromatic</b>	Benzene	100	<b>B</b>	<b>C</b>	-
<b>Hydrocarbons, linear</b>	Hexane	100	<b>B</b>	<b>B</b>	<b>C</b>
<b>Supersolvent</b>	Tetrahydrofuran	100	<b>B</b>	<b>B</b>	<b>C</b>

**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>	20 pcs
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**DOMINIQUE DUTSHER SAS**