

**TECHNICAL SPECIFICATIONS**

<b>Trade Name</b>	Cylindrical Jars with ribbed cap
<b>Use</b>	Thanks to the large neck they are suitable for powders, solid specimen, creamy or semisolid substances, crystals and hygroscopic substances
<b>Material</b>	Body in Polyethylene (PE); cap in Polypropylene (PP) and undercap in Polyethylene (LDPE)
<b>Other Features</b>	Screw cap with protruding notches to facilitate opening/closing operations. Insert to ensure tightness

**DIMENSIONAL SPECIFICATIONS**

<b>Height with mounted cap</b>	107,00 mm
<b>External base diameter</b>	86,00 mm
<b>Internal mouth diameter</b>	70,00 mm
<b>General dimensional tolerance</b>	+/- 0,50 mm
<b>Bottle wall thickness</b>	0,35 +/- 0,20 mm
<b>Capacity</b>	500 ml

**GENERAL FEATURES**

<b>CE Mark</b>	Yes
<b>Foodstuff suitability</b>	Yes, according to: EC Regulation 1935/2004 EC Regulation 10/2011 The Italian Ministerial Decree 21/03/1973 and subsequent amendments The Italian Presidential Decree 777/82 and subsequent update
<b>Seal granted by</b>	Quality of both cap and mouth thread, presence of the insert
<b>Translucence</b>	Yes.
<b>Temperature range of the bottle</b>	Da -50°C a +80°C

**STERILIZATION OF THE BOTTLE**

<b>Autoclavability + 121°C</b>	No
<b>Gas (Ethylene Oxide)</b>	Yes, without cap and undercap
<b>Dry Heat (+160°C)</b>	No
<b>Chemical (Formalin)</b>	Yes
<b>Irradiation</b>	Yes
<b>Microwave</b>	Yes, without cap and undercap

**Quality Assurance**  
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**CLEANING OPERATIONS**

<b>Slight contamination</b>	Wash with neutral detergent (pH 7)
<b>Consistent contamination</b>	Wash with alkalin detergent (pH up to 12)

**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>B</b>	<b>B</b>	<b>B</b>
<b>Organic Acid</b>	Benzoic acid	100	<b>A</b>	<b>A</b>	<b>A</b>
<b>Alcohol</b>	Ethanol	100	<b>A</b>	<b>B</b>	<b>B</b>
<b>Aldehydes</b>	Acetaldeyde	100	<b>B</b>	<b>C</b>	-
<b>Inorganic alkali</b>	Isodium hydroxide	50	<b>C</b>	-	-
<b>Organic alkali</b>	Aniline	100	<b>A</b>	<b>B</b>	<b>C</b>
<b>Ketone</b>	Acetone	100	<b>B</b>	<b>C</b>	-
<b>Esther</b>	Ethyl acetate	100	<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>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, steriization 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>Quantity for each bag</b>	50 pcs with mounted cap and undercap
<b>Quantity in each box</b>	3 x 50 = 150 pcs with mounted cap and undercap

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