

TECHNICAL SPECIFICATIONS

Trade Name	Macro tips 2000:10.000 µl (100 pcs) – Gilson
Use	Usable with micropipettes
Material	Polypropylene PP
Compatibility	Gilson - Socores – Labsystem – Finnpiquette - Kartell

DIMENSIONAL SPECIFICATIONS

Length	mm. 153,40
Diameter	mm. 15,75
General dimensional tolerance	mm. +/- 0,10
Capacity	µl. 2000 – 10000

**GENERAL FEATURES**

CE mark	Yes
Foodstuff suitability	Yes

STERILIZATION

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

CLEANING OPERATIONS

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

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CHEMICAL RESISTANCES

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	Acetaldeyde	100	B	C	-
Inorganic alkali	Isodium 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, 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

Case	100 pcs
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