

**TECHNICAL SPECIFICATIONS**

<b>Trade name</b>	Volumetric Flasks with cap
<b>Use</b>	No meniscus; calibrated gravimetrically; autoclavable
<b>Material</b>	PMP (TPX®)
<b>Others</b>	Conforms to NS/DIN 14/23

**DIMENSIONAL SPECIFICATIONS**

<b>Height</b>	mm. 174,00
<b>External base, diameter</b>	mm. 58,00
<b>General dimensional tolerance</b>	mm. +/- 0,10
<b>Capacity</b>	ml. 100

**GENERAL FEATURES**

<b>CE mark</b>	No
<b>Food contact suitable</b>	Yes

**STERILIZATION**

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

**CLEANING OPERATIONS**

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

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**CHEMICAL RESISTANCE**

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

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.

**PACKAGING**

Bag	Pcs. 20
Box	Pcs. 160

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