

TECHNICAL SPECIFICATIONS

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

DIMENSIONAL SPECIFICATIONS

Height	mm. 143,00
External base, diameter	mm. 46,00
General dimensional tolerance	mm. +/- 0,10
Capacity	ml. 50

**GENERAL FEATURES**

CE mark	No
Food contact suitable	Yes

STERILIZATION

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

CLEANING OPERATIONS

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

Quality Assurance

Massimiliano Capitanio

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. 300

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DOMINIQUE DUTSHER SAS