

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

**GENERAL FEATURES**

CE mark	No
----------------	----

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)

CHEMICAL RESISTANCE**Quality Assurance**

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

Quality Assurance