

TECHNICAL FEATURE

Trade name	Safety Shield
Use	Designed to provide laboratory and healthcare personnel with facial protection from hazardous substances, aerosol and splashing
Material	PMMA
Other	Fitted with non-skid feet

DIMENSIONAL FEATURES

Dimensions mm	242 x 365 h
Thickness mm	5

**GENERAL FEATURES**

CE Mark	No
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STERILIZATION

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

CLEANING OPERATIONS

Slight contamination	Wash with chemically neutral detergent (pH7)
Heavy contamination	Wash with alkaline cleaning agents (pH up to 12)

Quality Manager
Massimiliano Capitanio

CHEMICAL RESISTANCE

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

Information about resistance of plastic materials to temperatures, sterilization 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

Box	1
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