

**TECHNICAL FEATURE**

<b>Trade name</b>	Safety Shield
<b>Use</b>	Designed to provide additional protection from radiations while using beta emitting isotopes, including P32
<b>Material</b>	PMMA
<b>Other</b>	Fitted with non-skid feet

**DIMENSIONAL FEATURES**

<b>Dimensions mm</b>	305 x 480 h
<b>Thickness mm</b>	9

**GENERAL FEATURES**

<b>CE Mark</b>	No
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**STERILIZATION**

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

**Quality Assurance**

**CLEANING OPERATIONS**

Use products WITHOUT alcohol, ammonia or similar (aggressive) substances. PMMA in contact with one of these substances can cause very small cracks inside the material which over time can extend ruining the entire surface.

To clean PMMA use a very soft cloth. On the surface of the cloth there must be no materials, particles, traces of glue or anything else, which could scratch the material.

**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.

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**PACKAGING**

<b>Box</b>	1
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