

TECHNICAL SPECIFICATIONS

Trade Name	STIRRING BARS "Economy" 25x8 - magnetic
Use	For chemical solutions
Material	Magnet PTFE coated

DIMENSIONAL SPECIFICATIONS

Length	12 mm
Diameter	3 mm
Length general dimensional tolerance	+/- 5%
Diameter general dimensional tolerance	+/- 10%

**GENERAL FEATURES**

CE mark	No
Food contact suitable	Yes

STERILIZATION

Autoclavability at +121°C	Yes
Gas (Ethylene Oxide)	Yes
Dry at 160°C	Yes
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

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CHEMICAL RESISTANCES (PTFE)

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

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. 10
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