

TECHNICAL SPECIFICATIONS

Trade name	Isoflex laboratory hose
Use	PVC tubing, trasparente non toxic; non ageing and non oxidizing
Material	Polyvinylchloride PVC non-toxic

DIMENSIONAL SPECIFICATIONS

External diameter	mm. 12,00
Internal diameter	mm. 8,00
Thickness	mm. 2,00
General dimensional tolerance	mm. +/- 0,2

**GENERAL FEATURES**

CE mark	No
Food contact suitable	Yes
Color	Clear
Ageing	None
Oxidation	None

STERILIZATION

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

CLEANING OPERATIONS

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

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CHEMICAL RESISTANCE

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

PACKAGING

Box	Roll 20 m
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