

TECHNICAL SPECIFICATIONS

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| Trade Name | Narrow neck bottles - grey |
| Use | Completely opaque. Excellent for all photosensitive material whether liquid or solid. |
| Material | Body in Polyethylene (PE); cap in Polypropylene (PP) and undercap in Polyethylene (LDPE) |
| Other Features | Shoulder and cap with holes for safety seal or identification labels application. Permanent graduation printed in relief externally. |

DIMENSIONAL SPECIFICATIONS

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| Height with mounted cap | 70,00 mm |
| External base diameter | 39,00 mm |
| Internal mouth diameter | 18,50 mm |
| General dimensional tolerance | +/- 0,50 mm |
| Bottle wall thickness | 1,00 +/- 0,20 mm |
| Capacity | 50 ml |
| Graduated scale | Ogni 10 ml |

**GENERAL FEATURES**

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| CE Mark | No |
| Foodstuff suitability | Yes according to: EC Regulation 1935/2004 |
| Seal granted by | Quality of both cap and mouth thread, presence of the under cap |
| Translucence | No. Completely opaque |
| Temperature range of the bottle | Da -50°C a +80°C |

STERILIZATION OF THE BOTTLE

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| Autoclavability + 121°C | No |
| Gas (Ethylene Oxide) | Yes, without cap and undercap |
| Dry Heat (+160°C) | No |
| Chemical (Formalin) | Yes |
| Irradiation | Yes |
| Microwave | Yes, without cap and undercap |

Quality Assurance
Massimiliano Capitanio**Technical Direction**
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CLEANING OPERATIONS

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|--------------------------|---|
| Slight contamination | Wash with neutral detergent (pH 7) |
| Consistent contamination | Wash with alkalin detergent (pH up to 12) |

CHEMICAL RESISTANCES (BOTTLE)

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

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

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|-----------------------|---|
| Quantity for each bag | 100 pcs with mounted cap and undertap |
| Quantity in each box | 4 x 100 = 400 pcs with mounted cap and undertap |

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