



BLS 103V FFP3 NR D

Cup shaped Filtering Facepiece
Protection against dusts, mists and fumes



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CHARACTERISTICS

The disposable filtering facepiece 103V FFP3 NR D guarantees respiratory protection against aerosol and solid particulates. The cup-shaped form, the elastic head harness attached to four points and the external nose clip which can be modelled on the facepieces ensure the best fit for most facial types. The exhalation valve reduces breathing resistance and reduces the humidity inside the facepieces, making breathing more secure even in humid or very hot workplaces. The filtering facepiece 103V NR D FFP3 protects the user against solid and liquid particles .

APPLICATIONS

Shipyard
Welding
Pharmaceutical industry
Chemistry industry
Foundry
Construction building

MATERIALS

The filtering facepiece 103V FFP3 NR D is composed by:
Filter: polypropylene non-woven fabric
Nosepiece: reinforced plastic
Rubber bands: synthetic rubber
Exhalation valve: thermoplastic
Weight model 103V: 16 g

INSTRUCTIONS

- 1) The user must receive appropriate instruction before using the filtering facepieces
- 2) The filtering facepieces do not protect the user from gases and fumes
- 3) Do not use in environments with low oxygen, O₂ less than 17%
- 4) Do not use when concentrations of pollutants are dangerous to health or life-threatening
- 5) Do not use as an emergency escape breathing device
- 6) Leave the work place immediately:
-If breathing becomes difficult
-If you experience dizziness, nausea or alike symptoms
- 7) Do not modify the respirator
- 8) Discard and replace the respirator if it is damaged, if the resistance to breathing increases or after 8 hours of use
- 9) Do not use if you have a beard or sideburns because they can alter the seal
- 10) The masks must be stored in clean containers in a dry place at temperatures between +5 C to +40 C and relative humidity below 60% up to 10 years.

CERTIFICATION

The filtering facepiece 103V FFP3 NR D has been certified according to European standard EN 149:2001+A1:2009 and marked CE according to Directive 89/686/EEC and subsequent amendments. Italcert Srl (Notified Body No. 0426) is responsible for certification (Art. 10) and control of the production management system (Article 11B). The products are manufactured by a company which has been certified ISO 9001:2008.

CERTIFICATION TEST

The filtering facepiece 103V NR D complies with EN 149:2001+A1:2009 and has been tested according to the requirements for class FFP3 NR D respirators.

• FILTER EFFICIENCY

The efficiency of the filtering material was determined with the use of sodium chloride and paraffin oil. The FFP3 class guarantees a minimum filter efficiency of 99%. The filtration efficiency of these masks remains unchanged even after long exposure periods.

TOTAL INWARD LEAKAGE

The test for total inward leakage requires 10 subjects to carry out a sequence of exercises which simulate normal work practices, while using the respirator. During these exercises the amount of sodium chloride that passes through the filtering facepiece, including through the exhalation valve, is measured by means of an internal probe.

BREATHING RESISTANCE

The breathing resistance of the filtering facepieces must be verified by tests conducted at 30 L/minute and 95 L/minute for inhalation and 160 L/minute for exhalation. The values established by law for class FFP3 are respectively 1.0 mbar, 3.0 mbar and 3.0 mbar.

FLAMMABILITY

The filtering facepieces described in this data sheet have been subjected to the flammability tests required by the applied standard. Tests to verify compliance with this requirement were conducted by passing the filtering facepieces through a flame with a temperature of 800 C +/- 50 C at a speed of 6 cm/s. The masks must not burn for more than 5 seconds after removal from the flame.



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