

INSTRUCTIONS FOR USE: Single-use MANDIL filtering face-piece respirators against solid and liquid aerosols

IMPORTANT: Single-use MANDIL respirators according to test results, are classified according to one of three categories-FFP1 FFP2, FFP3. Before reading the following information, check the category to which the respirator belongs-this is indicated on the packaging and on the respirator. Mandil are devices in category III according to EU Regulation 2016/425.

Models identified with the additional COMBI indication improve comfort of the user by removing unpleasant smells, **they do not afford protection against vapours or gases.**

It is the user's responsibility to ensure that the respirator provides the necessary level of protection for the type and concentration of the contaminant(s) in the area where the respirator is intended for use.

DIRECTIONS FOR USE:

- Fit the respirator and check leak-tightness **BEFORE** entering the contaminated area.
- Wear the respirator for the whole duration of exposure to contaminants.
- Use the respirator in accordance with applicable health and safety regulations.
- Discard the respirator and replace with a new one if:
 - 1- the respirator is removed while in a contaminated area;
 - 2- excessive clogging of the respirator causes breathing difficulty or discomfort;
 - 3- the respirator becomes damaged.
- Leave the contaminated area if dizziness, irritation or other distress occurs.
- Only for single use. No maintenance necessary. Do not store and/or re-use after single use.
- Discard the respirator after single use (one shift, maximum).
- Keep un-used respirators in their closed box and store in a dry non-contaminated area between +2 and +55 deg. C.

NOTIFIED BODY:ITALCERT s.r.l. N. 0426 Viale Sarca 336 – 20126 MILANO

FITTING INSTRUCTIONS:

- a. Cup the respirator in the hand, allowing the head-bands to hang freely.
- b. Hold the respirator under chin with the nose-piece facing outwards.
- c. Place the lower head-band around the neck below the ears. Holding the respirator against the face with one hand, place the top head-band above the ears, around the crown of the head.
- d. Respirators with adjustable head-bands only: while maintaining the position of the respirator, adjust tension by pulling tab of each head-band, (Tension may be decreased by pushing out on the back of the buckle).
- e. Mould the nose area to the shape of the face, running the fingertips of both hands from the top of the nose-piece down both sides while pressing inward.

CHECK FOR LEAK-TIGHTNESS (FACIAL FIT) AS FOLLOWS:

- *place both hands over the respirator and exhale sharply
- *positive pressure should be inside the respirator
- *if you feel air escaping around the edges, re-adjust the respirator by tightening the nose-piece and/or increasing tension of the head-bands
- *repeat the procedure until satisfactory face-fit has been achieved.
- IMPORTANT:** In the case of respirators with non-adjustable head-bands-if you feel that the head-bands are too loose, you can increase tension by tying a small knot in the head-band.

LIMITATIONS TO USE: Do not use these respirators or enter or stay in an area where:

- Oxygen concentration is less than 17% (UK-19%)
 - Contaminants or their concentrations are unknown or immediately dangerous to life or health
 - Particulate concentrations exceed levels fixed by applicable health and safety regulations or protection factor x NPF-whichever is lower, (Nominal protection factors: 4 for FFP1, 12 for FFP2 and, 50 for FFP3)
 - Gases and/or vapours are present in concentrations higher than TLV.
- Note: for the meaning of symbols used consult relevant PPE Guidelines.

WARNING:

Do **not** use for fire-fighting. These respirators do **not** supply oxygen. Do **not** use in oxygen-deficient atmospheres-e.g. tanks or other poorly-ventilated areas (see 'Limitations to use'). Do **not** use in explosive atmospheres. For use only by trained and qualified personnel. Requirements for leak-tightness are unlikely to be achieved if the respirator is worn against a beard or facial stubble.

MARKING

On the facepiece:

- Sekur Manufacturer
- MANDIL FFPX XX Model identification
- Cod. 4429. XXXX Code number
- EN 149:2001 Reference harmonized European Norm
- FFPX Filtering facepiece class
- CE 0426 CE marking - Number of the Notified Body performing the production surveillance accordance with the procedure foreseen in Annex VIII (D Module) of the EU Regulation 2016/425.

NR: The additional marking NR, i.e. not reusable, proves that according to the newly introduced requirement of EN 149, the respirator must not be used for more than a work shift (max 8 hours) after being exposed to aerosol.

R: The additional marking R, i.e. reusable, proves that, according to the newly introduced requirement of EN 149, the respirator may be used for more than a work shift (max 8 hours) after being exposed to aerosol.

Meaning of pictograms



Storage temperature range



See instructions for use



Maximum storage humidity



Maximum shelf life (YY year of expiry)

Technical information

Tests	Type	FFP1	FFP2	FFP3
Total Inward Leakage		<22%	<8%	<2%
Penetration through the filtering media		<20%	<6%	<1%
Carbon dioxide content of inhalation air (%)		<1%	<1%	<1%
Inhalation resistance 30 l/min (mbar)		<0.6 mbar	<0.7 mbar	<1 mbar
Inhalation resistance 95 l/min (mbar)		<2.1 mbar	<2.4 mbar	<3 mbar
Exhalation resistance 160 l/min (mbar)		<3 mbar	<3 mbar	<3 mbar

The products Declaration of Conformity is available on the web site www.dpisekur.com in the specific section.