



Flat Fold Series Particulate Respirators

Features

Makrite Flat Fold Series Particulate Respirators offer effective respiratory protection for use in workplaces where users will be exposed to the contaminated area.

- Exceptional inside filter for low breathing resistance
- Softer outer and inner layer for comfortable fit
- Individually adjustable plastic concealed nose clip for excellent fit
- Fully adjustable loop headbands for contour fit
- Alternative one-way valve for easy exhalation
- High density urethane foam nosepiece for great fitness and worker comfort
- Easy to carry and can be easily equipped with safety goggles and helmets

Standards

Both 910-N95FMX and N95V-910FM are NIOSH approved N95 rating which has 95% filter efficiency level that can effectively protect against particulate aerosols free of oil; time use restrictions may apply.

Respirators with NIOSH N95 rating are suitable to use in concentration of non-oil airborne particles such as (but not limited to) mining, sanding, grinding, drilling and also provide protection over allergens, bacteria, viruses and tuberculosis.

910-N95FMX is also FDA cleared for use as a surgical N95 mask which has the synthetic blood resistant feature that could protect health care workers from occupational exposures during emergencies such as influenza outbreaks.

Designations

- N = Non-oil
- R = Oil Resistance
- P = Proof Oil
- V = With Exhalation Valve
- F = Foldable

Approval

Unique TC number for each NIOSH approved model is assigned:

| Model | TC number |
|-------------|-----------|
| 910-N95FMX* | 84A-4541 |
| N95V-910FM | 84A-4542 |

* Cleared by the Food and Drug Administration for use as a surgical N95 respirator, FDA 510(k):K020474

Materials

The following materials are used on Flat Fold Series Particulate Respirators:



| | 910-N95FMX | N95V-910FM |
|-------------------|------------|------------|
| Head Strap | • | • |
| Nose Foam | • | • |
| Plastic Nosepiece | • | • |
| Filter Media | • | • |
| Exhalation Valve | | • |
| Valve Membrane | | • |

* Materials are latex-free and do not contain any nature rubbers.

Storage and Transportation

The N95 Series Particulate Respirators have a shelf life of 5 years. End of shelf life is marked on the product packaging. Before initial use, always check that the product is within the stated shelf life (use by date). Product should be stored in clean, dry conditions within the temperature range: -5°C to +50°C with a maximum relative humidity of <75%. When storing or transporting this product use original packaging provided.



Limited Warranty

This limited warranty is made in lieu of the warranties of merchantability, fitness for particular purposes and all other warranties, express or implied. There are no other warranties which extend beyond the description on the face hereof. The physical standards and specifications of Makrite will be met by products sold.

Exclusive Remedies: damages for the breach of this limited warranty are limited to the replacement of such quantity of Makrite products proved to be defectively manufactured. Except as provided above, Makrite shall not be liable or responsible for any loss, damage, or liability, direct, indirect, incidental, special or consequential, arising out of sale, use, misuse or the inability to use products by the user.

Service Time Limitation

- Do not use the same respirator for more than 8 hours, continuous or intermittent, in duty workplaces that could result in high filter loading.
- Leave contaminated area and remove respirator if breathing becomes difficult or proper fit cannot be obtained or the respirator is damaged, soiled, or distorted. Do not use the same respirator again once removed.
- The maximum service time of this respirator is five (5) consecutive calendar days (including days of non-use), beginning from the first day of use.

Warnings

- Wearer must read fitting instructions and use limitations before use.
- This respirator does not protect against the risk of contracting disease or infection.
- Individuals highly sensitive to natural rubber latex may have an allergic reaction.
- Wearer must do fit test either quantitatively or qualitatively by a qualified fit tester before using the respirator in a contaminated environment, as per OSHA guidelines, 29 CFR 1910.134.

Respirator Fitting Instruction



STEP 1 Hold respirator in your hand as shown, with the nosepiece at your fingertips and the headbands hanging freely below your hand.



STEP 2 Unfold the respirator and place it on the chin. Stretch upper strap and position high on back of head. Stretch bottom strap over the head and position below ears. Using both hands, mold the metal nosepiece to the shape of your nose bridge.



STEP 3 To fit check a) cup both hands over respirator be careful not to disturb position, b) inhale vigorously, c) exhale vigorously. If air leaks around the edges during inhalation or exhalation, re-position straps or adjust straps tension for better fit.



Repeat (a), (b) and (c). If there are still noticeable leakage then this respirator may not be suitable for you and we advise you to seek another style from our range.

STEP 4 Careful observance of these fitting instructions is an important step in safe respirator use.

Caution

The respirator should be fit checked at each wearing. Place both hands completely over the respirator and exhale. If air leaks around nose or the edge, adjust the nosepiece and/or the headband until a good fit is achieved.