

# DISPOSABLE RESPIRATORS N95

## TECHNICAL DATA SHEET



### PRODUCT INFORMATION

This disposable N95 respirator is a high-performance protective device designed for use in medical and laboratory environments, offering reliable protection against hazardous airborne contaminants. It is NIOSH-approved (42 CFR Part 84) and FDA-cleared as a surgical N95 respirator with fluid resistance. The respirator provides over 95% filtration efficiency for particles ranging from 0.1 to 0.3 microns.

Featuring dual headbands and an adjustable nose clip, it ensures a secure and comfortable fit for various face shapes and sizes while effectively minimizing air leakage. Its vertical-fold design maintains breathability and prevents collapse during use. The respirator is latex-free, valve-free, and individually packaged for enhanced safety and convenience, making it a dependable choice for healthcare professionals and laboratory workers.



## FEATURES

Makrite® SEKURA-X is a vertical folded style which is more flexible around the edges and can adapt to the wearer's facial features. Vertical fold masks fold easily when they are not in use and fit well with goggles or helmets so they are convenient for many different types of worker situations. These models have been designed to easily meet NIOSH's stringent approval requirements for breathing resistance and filtration efficiency.

- Exceptional inside filter for lower breathing resistance
- Individually adjustable plastic nose clip allows user to customize the fit for better seal and helps to reduce eyewear fogging
- Ultrasonic welded head-straps for secure seal
- High density urethane foam nosepiece to reduce leakage and provides worker comfort

This product has been tested and meets the NIOSH standard of N95. Approved by NIOSH. The main performance tests in this standard are:

- Filter Penetration
  - Breathing Resistance
  - Exhalation Valve leakage (if applicable)
- N95 Particulate Filter (95% filter efficiency level) effective against particulate aerosols free of oil; time use restrictions may apply.

## PRODUCT DATA

Sizes	One size fits all
Compliance	NIOSH FDA
NIOSH TC-number	84A-9316
Filtering Efficiency	≥ 95%
Synthetic Blood Penetration (ASTM F1862)	Pass at 160mmHg
Flammability (16 CFR Part 1610)	Class 1 (≥3.5 seconds)
Biocompatibility (ISO 10993)	Pass
Color	White
Sterility	Non-sterile
Latex status	Not made with natural rubber latex
Shelf life	5 years
Manufacturer QMS	ISO 13485, ISO 9001

## REORDERING

Item	Product number
N95 Disposable Respirator	Sekura-X

## FITTING INSTRUCTION

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Hold the mask in your hand as shown, with the nosepiece at your fingertips and the headbands hanging freely below your hand.
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Place mask under your chin with the nosepiece up. Pull the top headband over your head and above the ears
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Pull the bottom headband over your head and place around neck below the ears.
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Adjust headbands for comfortable fit. Push the nosepiece inward with your fingertips to conform to the shape of your nose.
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Cup both hands over the mask, checking for tightness. Inhale sharply, negative pressure should be felt in the mask. Re-adjust as necessary.

## PACKAGING METHOD: 20PCS/BOX 30BOXES/CARTON

Carton size (cm)			Box (cm)			Total
Length	Width	Height	Length	Width	Height	
44.0	41.0	42.0	14.0	13.0	10.0	600 pcs

## ABOUT OUR MANUFACTURER

Established in 1984, Makrite is a leading global manufacturer of disposable face masks, serving medical, industrial, automotive, and consumer markets worldwide. With over 75 NIOSH-approved products, Makrite's masks also meet international standards such as EN149/CE, UKCA, AS/NZS, MHLW, KOSHA, and others, ensuring compliance with safety regulations across various countries.

Makrite's commitment to quality is evident in their use of high-speed automated machinery, which maintains stringent quality controls and production consistency. This dedication results in premium masks offered at competitive prices, with prompt delivery and exceptional customer service.

Headquartered in Taiwan, Makrite supports its global clientele through satellite offices in Korea, Japan, the U.S., and Singapore, reinforcing its position as a trusted provider of high-quality respiratory protection products worldwide.

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