



KN95 Respirator Masks

FDA Registered Manufacturer

Technical Data Sheet

The KN95 healthcare respirators are designed to help provide respiratory protection for the wearer against certain airborne particles. They meet CDC guidelines for Mycobacterium tuberculosis exposure control. As disposable particulate respirators, they are intended to reduce wearer exposure to certain airborne particles including those generated by electrocautery, laser surgery, and other powered medical instruments.

The KN95 particulate respirators are personal protective equipment (PPE) that are primarily intended to protect the wearer by reducing exposure to harmful airborne particles which are small enough to be inhaled – typically particles less than 100 microns in size. These include airborne particles that may contain biological material e.g. Bacillus anthracis, Mycobacterium tuberculosis, mold and the virus that causes Severe Acute Respiratory Syndrome (SARS), coronaviruses and Influenza.

Features

- FDA approved to be used in the U.S. on April 3, 2020
- Manufactured to meet or exceed KN95 standards
- Manufactured by FDA registered factory
- Flow Rate 85 L/min
- Flammability Rating Class I
- Adjustable nose clip
- Integrated rubber ear bands
- 5 layers of protective materials
- Particulate Respirator Mask

Materials

The following materials are used in the production of KN95 respirators:

Straps	Braided Polyisoprene
Nose Clip	Aluminium
Nose Foam	Polyurethane Foam
Filter	Polypropylene/Polyester
Shell	Polypropylene
Coverweb	Polypropylene

This respirator does not contain components made from natural rubber latex.

Maximum mass of products = 11.3g



Use For

- Intended to be worn by medical personnel but not during surgical procedures to help protect both the medical professional and the patient from transfer of microorganisms, body fluids, and particulate material.
- Always follow *User Instructions* and use in manner as indicated

Do Not Use For

- **DO NOT** use in surgical settings
- **DO NOT** use for gases or vapors (i.e. anesthetic gases such as isoflurane or vapors from sterilants such as glutaraldehyde.)
- **DO NOT** use in any manner not indicated in the *User Instructions*

Approvals and Standards

- KN95 respirators are approved to be used in the U.S. by the FDA
- Meets GB2626-2006 requirements for a minimum 95% filtration efficiency against solid and liquid aerosols that do not contain oil. Please reference the comparison chart.
- FDA approved owner/operator number: 10062984
- FDA cleared for use as a mask to protect against coronaviruses
- Health Canada Class I device
- Bacterial Filtration Efficiency F2101 >95% BFE
- Flow rate = 85 L/min

Packaging	Product Code	Order Code
10 Respirators/box, 6 boxes/case	KN95-MSK	ESKN95MSK10

Fitting Instructions

**Must be followed each time the respirator is worn.
Before fitting device, ensure hands are clean.**

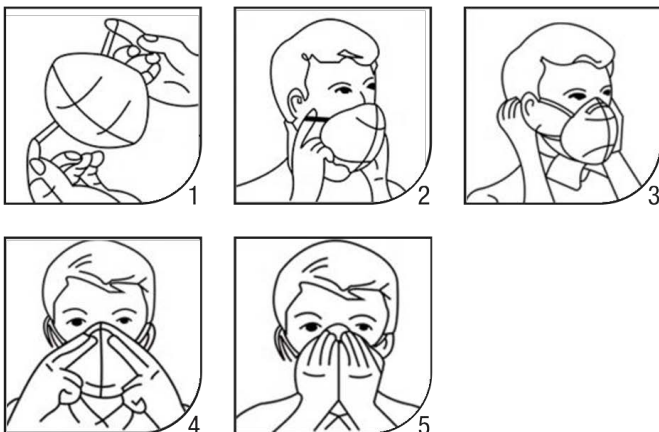
See Figure 1 below.

All respirator components should be inspected for damage prior to each use.

1. Hold the mask so that the stiff bendable strip is on top.
2. Pull the bottom of the face mask over your chin.
3. Hold the mask by the ear loops and place a loop around each ear.
4. Pinch the nose strip to conform to the shape of your nose.
5. Check mask tightness before going around others:
 - Cover your face with both hands and exhale quickly.
 - If air leaks from the nose, go back to step 4.

To remove the mask: Remove it from behind (do not touch the front of the mask); discard immediately in an appropriate disposal bin. Thoroughly clean hands with alcohol-based hand rub or soap and water.

Figure 1



Warnings and Use Limitations

Always be sure that the complete product is:

- Suitable for the application;
 - Fitted correctly;
 - Worn during all periods of exposure;
 - Replaced when necessary.
- It is recommended that fit testing be conducted before assigning a respirator to an individual. If you cannot achieve a proper fit then do not enter contaminated area or be around others.
 - Inspect respirator before each use to ensure it is in good working condition. Examine all the respirator parts for signs of damage including the two straps, nose clip and nose foam. The respirator should be disposed of immediately upon observation of damaged or missing parts.
 - Leave the contaminated area immediately and contact supervisor if dizziness, irritation or other distress occurs.
 - Dispose of used product in accordance with applicable regulations.
 - All respirators should be used in accordance with local regulations.
 - Do not alter, repair, wash, and abuse or misuse the respirator.
 - Do not use with beards or other facial hair or conditions that prevent a good seal between the face and the sealing edge of the respirator.
 - The respirator can help protect the wearer's lungs against certain airborne contaminants; however, it will not prevent entry through other routes such as the skin or eyes, which would require additional personal protective equipment (PPE).
 - The respirator is designed for occupational/professional use by adults who are properly trained in its use and limitations. The respirator is not designed to be used by children.
 - Individuals with a compromised respiratory system, such as asthma or emphysema, should consult a physician and complete a medical evaluation prior to use.
 - Maximum Operating Temperature: +50 degrees Celsius.
 - The filtration efficiency of the respirator may decrease in the presence of oily mists.

Storage and Transportation

Shelf life of the unopened product is two (2) years from date of manufacture when stored within temperature range of -20°C to +30°C and at less than 80% relative humidity. Before initial use, always check the product for signs of deterioration. When storing or transporting this product use original packaging provided.

Warning

Respirators must not be used until you have determined whether usage will be in accordance with manufacturer's instructions. The wearer must be trained in the proper fitting and use of this product. Failure to follow all instructions and warnings on the use of this product and/or failure to wear this respirator during all times of exposure can reduce respirator effectiveness and result in illness or death. All respirators should be used in accordance with United States standards or the country of origin. It is recommended that fit testing be conducted before assigning a respirator to an individual. If you cannot achieve a proper fit, do not enter contaminated areas. Do not use with beards or other facial hair or conditions that prevent a good seal between the face and the sealing surface of the respirator.

Important Notice

To the extent permitted by law, Enviro Shield shall not be liable for any loss or damage including any loss of business, loss of profits, or for any indirect, special, incidental or consequential loss or damage arising from reliance upon any information herein provided by Enviro Shield. Nothing in this statement will be deemed to exclude or restrict Enviro Shield's liability for death or personal injury arising from its negligence.

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Pricing

Pricing does not include shipping costs or any applicable taxes. Both ground shipping and air freight are available. Payment must be made in full prior to shipping. Escrow services are available but will incur an additional charge that must be paid by buyer.

Due to the volatility and high demand for respirator masks, prices are subject to change without notice until payment is made in full.

Quantity	Price/Mask
250	\$3.50
500	\$3.50
1000	\$3.50
2500	\$3.25
5000	\$3.25
10k	\$3.25
25k	\$3.25
50k	\$3.00
100k	\$3.00
250k	\$2.75
500k	\$2.75
1mm	\$2.50