



## **Venus Technical data sheet of NIOSH CN95+ Respirator**

- Venus CN95+ respirator is of cup shape design which has a lightweight collapse resistant shell.
- Venus CN95+ respirator has superior micro-fine media technology which protects the user from respirable suspended particulate matter. The filters have a high dust holding capacity which do not get clogged thereby increasing the respirators life.
- Venus CN95+ respirator has thermoplastic elastomers straps which are stapled to mask to provide leak proof fit.
- Venus CN95+ respirator contains no components made from natural rubber latex.
- Venus CN95+ respirator comes with a unique Nose liner inside the mask which prevents leakage and provides a comfortable fit to the user
- The respirator also has adjustable nose clip embedded inside the respirator which provides fit to the user as per face profile.

### **Materials**

The following materials are used in the production of CN95+ respirator

<b>Straps</b>	Synthetic Rubber
<b>Nose Foam</b>	Polyurethane
<b>Nose Clip</b>	Aluminum
<b>Filter/Shell</b>	Polypropylene & Polyester
<b>Stapling Wire</b>	Steel

- Minimum mass of products:

Venus CN95+ - 10g

### **Standards**

- Venus CN95+ respirator has NIOSH approval class N95 rating TC-84A-7516. The respirator should be used to protect the wearer from solid dust.
- Particulate filter respirators are classified by filtering efficiency and maximum total inward leakage performance & also by inhalation resistance.

### **Applications**

- N95 respirators can be used against Asbestos handling, metal handling, solvent based painting etc.
- N95 category filters are intended for use against mechanically generated particulates e.g., sanding, grinding, drilling etc.

These respirators are suitable for use in concentration of solid particles upto the following limits

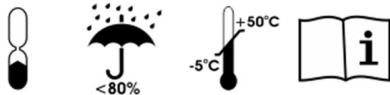
<b>Model</b>	<b>Approved</b>	<b>Class &amp; Colour</b>	<b>Max. Use Level</b>
Venus CN95+	NIOSH N95	White	10 x OEL



## Storage & Shelf Life

Venus CN95+ respirator until use shall be stored in the sealed pack to retain its properties. For transport such packs shall be suitably packed in outer cartons to protect from climatic hazards and mechanical shocks.

The shelf life of the product is 60 months from the date of manufacture. (If stored between  $-50^{\circ}\text{C}$  and  $+50^{\circ}\text{C}$  & Humidity not over 80%). The date of manufacture is mentioned on the pack of the respirator.



## Disposal

Contaminated products should be disposed as hazardous waste in accordance with local regulations.

## User Instructions

**The user instructions must be read & followed-**

1. Failure to follow all instructions and limitations concerning the use of the respirator and/or failure to wear the respirator for the whole duration of exposure to contaminants can seriously reduce the performance characteristics of the respirator and lead to illness, injury, or death.
2. Before occupational use of this respirator written respiratory protection, program must be implemented meeting all the local government requirements. In the United States employee must comply with OSHA 29 CFR 1910.134 which includes medical evaluation, training, and fit testing.
3. Discard the respirator and replace with new one if;
  - a. Excessive clogging of the respirator causes breathing difficulty.
  - b. The respirator becomes damaged.

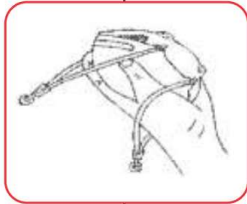
Discard the respirator and replace with new one after every use.

4. Leave the contaminated area if dizziness, irritation or other distress occurs.
5. Inspect respirator before each use to ensure that it is in good operating condition. Examine all the respirator parts for signs of damage including the two head bands, attachment points and nose clip. The respirator should be disposed of immediately upon observation of damaged or missing parts.
6. Respirator must be, maintained in clean and sanitary condition. Store the respirator away from contaminated area when not in use.



## DONNING AND FITTING INSTRUCTIONS :

**Follow these instructions each time respirator is worn.**

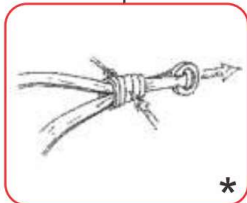


- Remove respirator from package and “pre-form” the aluminum nose bridge adjuster.



- Hold the respirator in the hand, allowing the head-straps to hang loosely in front of the mask.

- Position the lower head strap around the neck below the ears. Hold the respirator against the face and place the top head-strap around the crown of the head.



- Adjust head straps by grasping the locking slide and pull adjuster ring until respirator fits comfortably.

- Fit the nose area to the shape of the face by forming the nose piece with the fingertips. Start from the top of the nose piece working downward while pressing against the nose. Always use both hands.

### **FIT-CHECK THE FACE-SEAL AS FOLLOWS:**



- Place both hands over the respirator - do not disturb the position of the respirator.

- Exhale sharply to detect leakage for unvalved respirator. (Condition does not apply for valved respirator)

- Inhale sharply to detect leakage for valved respirator. (Condition does not apply for unvalved respirator)

\* Applicable for mask with adjustable straps

## Limitations

1. Do not use the respirator or enter or stay in a contaminated area under the following circumstances:
  - a. Atmosphere contains less than 19.5% oxygen.
  - b. If you smell or taste contaminant
  - c. For protection against gases or vapors
  - d. Contaminants or their concentration are unknown or immediately dangerous to life or health.



- e. Concentration of contaminants exceed maximum use of concentration in applicable OSHA standards or applicable government regulations or 10 times the PEL (Permissible Exposure Limit), whichever is lower.
  - f. For sandblasting, paint spray operations, asbestos.
2. Do not modify or misuse the respirator.
  3. Do not use the respirator with beard or other facial hairs that interferes with direct contact between the face and the edge of the respirator, or any other conditions that may prevent a good face seal.

## Fit Check

1. Cover the front of the respirator with both hands being careful not to disturb the respirator.
2. Exhale sharply into the respirator.
3. If air leaks around the nose, readjust the nose clip to eliminate leakage. Repeat the above fit check.
4. If air leaks at the respirator edges, work the straps back along the sides of the head to eliminate leakage. Repeat the above fit check.

**If you cannot achieve a proper fit DO NOT enter the hazardous area. See your supervisor. This respirator helps protect against certain contaminants. It may not eliminate the risk of contracting disease or infection. Misuse may result in sickness or death.** For information regarding fit testing procedure please contact Venus.

## Product Range



## Manufacturer name & address

### VENUS Safety & Health Pvt. Ltd.

I-75/76, Tondre, MIDC- Talaja, Dist.- Raigad, MH 410 208, India

TOLL Free: 1800 22 2646 | Ph :+91 22 27410018

Email: [info@venusohs.com](mailto:info@venusohs.com) | Web: [www.venusohs.com](http://www.venusohs.com)

### VENUS Safety & Health, INC

46, Stafford Street, Lawrence, MA 01841, USA

Email: [usa@venusohs.com](mailto:usa@venusohs.com) | Web: [www.venusohs.com](http://www.venusohs.com)