



## Venus Technical data sheet of V-1010 Medical mask – 3Ply

### Description

- Venus V-1010 medical mask - 3 Ply has BFE Filtering efficiency > 998% against solids particles and is certified for IS 16289:2014 Class 3
- High technology filter media with micro fine fibers & electrostatic charge gives maximum filtering efficiency
- Venus V-1010 medical has 4 Ties welded on mask which is comfortable to wear for long durations and easy to don and doff.
- Venus V-1010 has low profile design which helps for extended use
- Light weight provides greater work comfort, suits longer duration of wear
- Compatible with / other face / head PPE(s)
- Splash protection reduces exposure to blood & body fluids.
- GSM of the Fabric (G/m<sup>2</sup>) is above 80.0

### Standards

Venus V-1010 medical mask with Tie meets the requirement of IS 16289:2014

These medical masks should be used to protect the wearer from solid and non-volatile liquid particles. Class 3 filters are intended for use against both mechanically & thermally generated particulates

### Approvals

Venus V-1010 medical mask has been produced to comply with the requirement of the Indian standard Institute IS 16289:2014 under an agreed production certification scheme operated during manufacture in accordance with the Bureau of Indian Standards.

#### As per IS 16289:2014

SI No.	Characteristic	Requirement		
		Class 1	Class 2	Class 3
1)	Bacterial filtration efficiency, Percent, <i>min</i> (SI 16288)	95	98	98
2)	Differential Pressure, Pa, <i>Max</i>	29.4	29.4	49.0
3)	Splash resistance, mm Hg, <i>Min</i>	-	-	120
4)	Sub-micron particulate filtration Efficiency at 0.1 $\mu$ , percent, <i>Min</i>	-	-	98

### Material

<b>Straps</b>	/ Lace tie – for better fitment to medical professionals.
<b>Nose Clip</b>	PVC coated rust free wire clip – to prevent leakage from nose side
<b>Filter</b>	<ol style="list-style-type: none"> <li>1. Outer color layer layer – Effectively block visible objects such as droplets</li> <li>2. Middle layer Melt blown – Filter non-oily particles in the air.</li> <li>3. Inner soft fabric layer – Absorb hot air exhaled by the body, keeping skin dry and comfortable</li> </ol>

### Disposal

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

## User instructions

### FITTING INSTRUCTIONS TO BE FOLLOWED EACH TIME MASK IN USE

Before use check for visible damage.

Damaged or dirty surgical mask should not be used.



- 1) Keeping colored or printed side facing out, and the nose wire at the top. then using the thumb and fore-fingers of each hand, locate the center of the mask while feeling the nose wire. Gently form (do not pinch) the nose wire into a U shape.
- 2) While holding the mask in place with one hand, grasp the bottom of the mask, separating the folds, and fit the bottom of the mask under the chin towards the neck.
- 3) Grasp the top ties (one in each hand) and pull to the crown of the head. Tie the upper ties snugly so the mask is secure and does not slip down the face.
- 4) Grasp the lower ties (one in each hand) and pull behind the neck. Tie the lower ties snugly and securely so the mask will not ride up the face.
- 5) With both hands gently reform the nose wire over the nose and cheekbones. This will insure a proper and secure fit.
- 6) Properly secured surgical mask.

## Limitations

1. Fitting instruction to be followed each time before using medical mask
2. Failure to follow all user instructions and limitation on the use of this respirator and / or failure to wear this mask during all times of exposure can reduce mask effectiveness and result in sickness or death.
3. Do not use for protection against Gases, Vapour, or in atmosphere containing less than 17% oxygen.
4. Use Condition: Not against particles of carcinogenic and Radioactive substances, Micro-organisms & Enzymes

**you cannot achieve a proper fit DO NOT enter the hazardous area. See your supervisor.**  
For information regarding fit testing procedure please contact Venus.

## Storage & Shelf Life

Venus V-1010 series of mask 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.



## Product Picture



## Manufacturer name & address

### **VENUS Safety & Health Pvt. Ltd.**

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