

# V-400

Reusable Half Face Mask with Particulate & OV Filter

Product available with below approval

IS 14746  
CM/L-0003748172  
Half Face Mask

IS 15322  
CM/L-7800022514  
Particle Filter

IS 15323  
CM/L-0007905889  
Gas Filter



## FEATURES AND BENEFITS



### Light weight body

- Made from soft thermoplastic elastomer, skin friendly
- Low maintenance
- Minimum hindrance in working



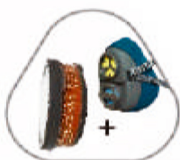
### Exhalation vent valve

- Allows efficient escape of CO<sub>2</sub> & hot exhaled air



### Latex-free elastic

- Braided textile elastic is skin friendly
- Lasts longer without deforming



### Single filter

- Low profile & provides more peripheral view
- Does not hinder while working and makes the use more convenient



### VENUS V-400 + V7400 P2 Combo

HFM + RF  
Half mask with Particulate filter  
Solid particles  
1000 ppm or 12 X OEL whichever is lower  
Item # 15058



### VENUS V-400 + V7400 A1 P1 Combo

HFM + RF  
Half mask with Organic & Particulate filter  
Carbon Tetrachloride (CCl<sub>4</sub>)  
1000 ppm or 4 X OEL whichever is lower  
Item # 15059

### Size options



Sweet Port



Neck Strap



TPE Material

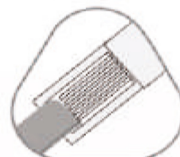


Adjustable Strap



### 4 point strap tightening with head cradle

- Front pull strap tightening gives the required ergonomic fit



### Adjustable head harness

- Distributes weight evenly
- Provides head support and good fit



### Threaded cartridge

- Tape easy to fit and replace



**VENUS V-7400 A1 RF** - Gas Filter  
Organic Filter For V-400 A1P1  
Carbon Tetrachloride (CCl<sub>4</sub>)  
Item # 17038



1000 ppm or 20 X OEL whichever is lower



**VENUS V-7400 P2 RF** - Particulate Filter  
Solid particles & Liquid  
Item # 17039



12 X OEL



**VENUS V-7400 P1 RF** - Pre Filter  
Solid particles  
Item # 17040



4 X OEL

## APPLICATION EXAMPLES

Battery  
Chemical  
Cold storage  
Engineering  
Foundries  
Mining  
Automobile

Lead handling, acid handling  
Laboratory, Coating, Bonding, Handling  
Warehouses  
Welding, Powder coating, Painting  
Foundry areas  
Drilling  
Painting, Powder coating

Petrochemicals  
Agrochemical  
Paints  
Pharmaceuticals  
Ships  
Sewage

Solvent handling, Maintenance department  
Pesticides spraying  
Paint spray, Mixing, Resins  
Bulk drugs, Material handling  
Tank cleaning  
Drains



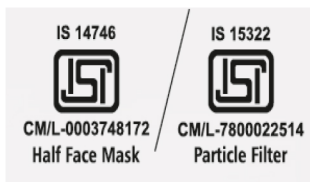
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## Technical Datasheet

### Venus V-400

Single filter for HFM



ISI Approved

#### VENUS V-400+V7400 P2

##### Combo

HFM + RF

Half mask with Particulate filter

Solid particles

1000 ppm or 12 X OEL whichever is lower

Item # 110532501

#### VENUS V-400+V7400 A1 P1

##### Combo

HFM + RF

Half mask with Organic & Particulate filter

Carbon Tetrachloride (CCl<sub>4</sub>)

1000 ppm or 4 X OEL whichever is lower

Item # 110532601



### Technical Specifications

- **Size:** Medium (M).
- **Approval Standards:**
  - IS 14746: Half Face Mask
  - IS 15322: Particulate Filter
- **Material:** TPE (Thermoplastic Elastomer).

### Features of V-400

1. **Lightweight Body:** Made from soft, skin-friendly TPE material.
2. **Exhalation Vent Valve:** Efficiently expels CO<sub>2</sub> and hot air.
3. **Latex-Free Elastic:** Durable, skin-friendly braided elastic.
4. **Single Filter Design:** Low profile for improved peripheral vision.
5. **4-Point Strap Tightening:** Adjustable straps with head cradle for stability.
6. **Adjustable Head Harness:** Evenly distributes weight for added comfort.
7. **Press Fit Cartridge System:** Easy and secure filter attachment.

## Benefits of V-400

1. **Lightweight Body:** Comfortable for long use and minimizes work hindrance.
2. **Exhalation Vent Valve:** Enhances breathing comfort and reduces heat buildup.
3. **Latex-Free Elastic:** Ensures a secure fit and long-lasting performance.
4. **Single Filter Design:** Reduces obstruction and enhances convenience.
5. **4-Point Strap Tightening:** Provides an ergonomic, secure fit.
6. **Adjustable Head Harness:** Reduces strain and ensures a stable fit.
7. **Press Fit Cartridge System:** Simplifies maintenance and ensures reliability.

## Cautions and Limitations

1. Ensure a proper fit before use; an improper seal can reduce protection.
2. Not suitable for oxygen-deficient environments or confined spaces.
3. Replace filters regularly or when breathing resistance increases.
4. Avoid use in environments with unknown or highly toxic contaminants.
5. Store in a clean, dry place away from direct sunlight and harmful chemicals.
6. Follow all user instructions for assembly, use, and maintenance.

## User Instructions

1. **Fit Check:** Ensure a secure seal by adjusting the straps and harness for a snug fit.
2. **Filter Installation:** Attach filters firmly using the press-fit cartridge system.
3. **Usage:** Wear the mask in environments specified for its protection level (e.g., particulate, gas, or both).
4. **Maintenance:** Clean regularly with a damp cloth and mild detergent. Do not use harsh chemicals.
5. **Storage:** Keep in a clean, dry place, away from direct sunlight and contaminants.
6. **Replacement:** Replace filters when breathing becomes difficult or as per manufacturer's guidelines.

## Applications:

1. **Automobile, Petrochemicals & Agrochemical**
  - Painting, Powder coating, Solvent handling, Maintenance department, Pesticides spraying
2. **Battery**
  - Lead handling, acid handling
3. **Chemical & Cold storage**
  - Laboratory, Coating, Bonding, Handling, Warehouses
4. **Engineering & Mining**
  - Welding, Powder coating, Painting, Drilling
5. **Foundries**
  - Foundry areas
6. **Paints**
  - Paint spray, Mixing, Resins
7. **Pharmaceuticals**
  - Bulk drugs, Material handling
8. **Ships & Sewage**
  - Tank cleaning, Drains



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