

Technical Datasheet

Venus V-667

A time-tested powered respiratory system.
 An easily replaceable filter.



VENUS V-667 Full Face Mask
 Compatible with Venus V-7700 single Gas
 filter or Breathing tube for SA / PAPR

Item #	Colour	Size
110543401	BLACK	MEDIUM-Bromobutyl with Pentabelt
110531801	GREY	MEDIUM-TPE with Textile head band
110533601	GREY	MEDIUM-TPE with Pentabelt
110534301	GREY	MEDIUM- Silicon with textile head band
110534401	GREY	MEDIUM- Silicon, AF visor with Textile Headband

Technical Specifications

- **Model:** V-667.
- **Material:** Silicone, TPE, or bromobutyl.
- **Lens:** Hard-coated polycarbonate.
- **Approval:** IS 14166 certified.

Features of V-667

1. **Zero Power Hard-Coated Visor:** Polycarbonate lens impact-resistant for face protection.
2. **Silicone Exhalation Valve:** Efficient ventilation system.
3. **Inner Face Piece of Silicone:** Skin-friendly silicone material.
4. **Standard Thread Compatibility:** RD40 thread connection, compliant with IS 14138 (Part 1): 1994.
5. **Option to Use Twin Filters:** Special Venus thread design.
6. **6-Strap Head Harness:** Even weight distribution with secure support.
7. **Speech Diaphragm:** Integrated speech diaphragm.
8. **Neck Straps:** Adjustable neck straps.



Benefits of V-667

1. **Zero Power Hard-Coated Visor:** Provides high clarity, durability, and double anti-fog protection, ensuring a clear vision in hazardous environments.
2. **Silicone Exhalation Valve:** Minimizes breathing resistance and reduces maintenance efforts.
3. **Inner Face Piece of Silicone:** Prevents fogging on the visor and enhances comfort for extended use.
4. **Standard Thread Compatibility:** Allows the use of standard gas filters, ensuring versatility and ease of access.
5. **Option to Use Twin Filters:** Enhances ergonomic fit and provides flexibility for various filter setups.
6. **6-Strap Head Harness:** Ensures a leakproof fit and superior comfort during prolonged use, even in harsh conditions.
7. **Speech Diaphragm:** Facilitates easy and audible communication without compromising safety.
8. **Neck Straps:** Improves handling and makes the mask easy to don and doff.

Cautions and Limitations

1. Not suitable for oxygen-deficient or confined spaces without adequate ventilation.
2. Ensure proper sealing for a leakproof fit; facial hair may interfere.
3. Use only compatible filters (Venus V-7700 series) for effective protection.
4. Regular inspection and maintenance are required for optimal performance.
5. Avoid use in environments with unknown or highly toxic contaminants.

User Instructions

1. **Pre-Use Check:** Inspect the mask and filters for damage or wear. Ensure a secure fit and proper sealing.
2. **Filter Installation:** Attach compatible filters (Venus V-7700 series) securely to the mask.
3. **Wearing the Mask:** Adjust the head harness and neck straps for a snug, leakproof fit.
4. **Usage:** Breathe normally and ensure the visor remains clear during use.
5. **Post-Use Care:** Remove filters, clean the mask with mild soap, and store in a dry, safe place.

Applications:

1. **Chemical and Petrochemical Industries:** Protects against toxic gases, vapors, and chemicals like chlorine and ammonia.
2. **Spray Painting and Coating:** Shields from paint mist, solvents, and fumes in automotive and industrial painting.
3. **Pharmaceutical Manufacturing:** Ensures protection against airborne powders and chemical reactions.
4. **Mining and Smelting:** Guards against particulate matter, dust, and harmful gases like sulfur compounds.
5. **Oil and Gas Industry:** Ideal for exposure to hydrocarbons, hydrogen sulfide, and VOCs.
6. **Hazardous Waste Management:** Suitable for spill cleaning and handling toxic or unknown materials.
7. **Industrial and Construction:** Provides safety in welding, machining, and dusty environments.
8. **Agriculture and Pesticides:** Protects during pesticide, herbicide, and fertilizer application.
9. **Emergency Response:** Critical for fire, rescue, and chemical spill teams.

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