

Technical Datasheet

Venus V-999

Reusable Full Face Mask – Silicone / TPE



VENUS V-999 Full Face Mask Compatible with Venus V-7900 dual Filters

Item #	Colour	Size
110355401	GREY	MEDIUM - SILICON - AF
110534201	GREY	MEDIUM-TPE
110534701	GREY	MEDIUM - TPE ANTIFOG

VENUS V-999 Full Face Mask Compatible with Venus V-7700 Single Filters

Item #	Colour	Size
110543601	GREY	MEDIUM-TPE - with Speech enhancer



Technical Specifications:

- Material:** High-quality Thermo Plastic Elastomer (TPE) or Silicone.
- Size Options:** Available in small, medium, and large.
- Weight:** Approximately 390 gm (TPE) and 462 gm (Silicone).
- Shelf Life:** 60 months when stored under recommended conditions.
- Accessories:** Includes spare parts and reusable storage box.

Features of Venus V-999 Full Face Mask:

- Twist N Click Mechanism:** Quick and secure filter attachment with Venus V-7900 dual filters.
- Ergonomic Design:** Zero-power toric visor for wide vision and anti-fog impact-resistant PC lens.
- Advanced Ventilation and Silicone Exhalation Valve:** Efficient ventilation system with a high-performance exhalation valve.
- Skin-Friendly Materials:** Facepiece made from silicone or TPE for comfort and durability.
- Adjustable Harness and Penta Belt:** 4-point harness and adjustable penta belt for secure fit and balanced weight distribution.
- Speech Enhancer Holder:** Integrated Speech Enhancer Holder.
- Lightweight Construction:** Available in two weight options (TPE: 390 gm, Silicone: 462 gm).
- Drop-Down and Lock Down Mechanisms:** Easy donning and doffing without removing other PPE, along with a secure head cradle mechanism.
- Replaceable Filters:** Compatible with a variety of gas and particle filters.
- Durable Storage:** Comes with a reusable storage box.
- Certified Standards:** Compliance with IS 14166:2014, IS 15322, and IS 15323 safety standards.

Benefits of Venus V-999 Full Face Mask:

1. **Twist N Click Mechanism:** Saves time during filter replacement and ensures proper attachment for safety and reliability.
2. **Ergonomic Design:** Enhances user visibility in challenging environments, reducing accidents and increasing efficiency.
3. **Advanced Ventilation and Silicone Exhalation Valve:** Improves comfort during extended wear by reducing heat and moisture build-up, making it suitable for long-duration tasks.
4. **Skin-Friendly Material:** Reduces irritation, ensuring user comfort and compliance, especially during prolonged use.
5. **Adjustable Harness and Penta Belt:** 4-point harness and adjustable penta belt for secure fit and balanced weight distribution.
6. **Speech Enhancer Holder:** Allows clear communication without removing the mask, essential for team operations in industrial settings.
7. **Lightweight Construction:** Minimizes strain on the wearer, making it easier to use during extended work hours.
8. **Drop-Down and Lock Down Mechanisms:** Facilitates quick adjustments and ensures a reliable fit, reducing interruptions and improving workflow.
9. **Replaceable Filters:** Offers cost-effective protection by enabling filter replacement instead of full mask replacement.
10. **Durable Storage:** Protects the mask during storage and transport, extending its service life.
11. **Certified Standards:** Assures reliable protection in hazardous environments, ensuring user safety and regulatory compliance.

Cautions & Limitations for Venus V-999 Full Face Mask:

1. **Proper Training Required:** Must be used by trained personnel in accordance with safety standards.
2. **Not for Oxygen Deficiency:** Do not use in atmospheres with less than 17% oxygen or unknown contaminants.
3. **Filter Suitability:** Ensure the correct filter type is used for specific hazards; gas filters don't protect against particles, and vice versa.
4. **No Modifications:** Do not alter or modify the respirator.
5. **Facial Seal Integrity:** Avoid use with beards or facial hair that can compromise the seal.
6. **Damage or Difficulty:** Replace immediately if damaged, breathing becomes difficult, or signs of dizziness occur.
7. **Explosive Atmospheres:** Follow special instructions when used in explosive conditions.
8. **Filter Replacement:** Replace gas filters upon detecting odor, taste, or irritation; replace particle filters when breathing resistance increases.
9. **Disposal:** Dispose of respirator and filters per applicable waste management rules.
10. **Storage Conditions:** Store in a sealed pack between -5°C to +50°C with less than 60% humidity.

User Instructions for Venus V-999 Full Face Mask:

1. **Training Required:** Wearer must be trained in proper respirator use as per safety standards.
2. **Hazard Assessment:** Use only when contaminants and their concentrations are known.
3. **Fit and Seal:** Ensure a proper fit; avoid use with facial hair or improper adjustments.
4. **Breathing Conditions:** Do not use in oxygen-deficient environments (<17%) or with unknown contaminants.
5. **Filter Use:** Always use appropriate filters for specific hazards; replace when resistance increases or odors are detected.
6. **Damaged Masks:** Replace the mask if damaged or breathing becomes difficult.
7. **Safety Precautions:** Do not modify or alter the respirator; leave the area if distress occurs.
8. **Storage and Disposal:** Store in sealed packaging and dispose of as per waste management rules.

Applications for Venus V-999 Full Face Mask:

1. **Agriculture:**
 - Pesticide spraying.
2. **Automotive:**
 - Painting and powder coating.
3. **Chemical Industries:**
 - Laboratory and solvent handling.
4. **Construction:**
 - Dust and particulate protection.
5. **Pharmaceuticals:**
 - Material handling and bulk drugs.
6. **Petrochemicals:**
 - Maintenance and solvent handling.
7. **Engineering:**
 - Welding and painting.
8. **Mining:**
 - Drilling operations.
9. **Sewage:**
 - Tank and drain cleaning.
10. **Cold Storage:**
 - Protection in warehouse environments.