

V-999

Reusable Full Face Mask - Silicone / TPE

Product available with below approval

IS 14166



CMIL-0003715864
Full Face Mask



FEATURES AND BENEFITS



Twist N Click

- Fits with V-7900 dual filters
- Ergonomic design



Zero power toric visor for wide vision

- PC lens impact resistant for face protection
- High clarity, durability and double anti-fog



Silicone exhalation valve

- Efficient ventilation system with easy maintenance



Inner face piece of silicone

- Prevents fogging on visor
- Skin friendly



Speech Enhancer Holder

- For easy and audible communication



Light weight body

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



4 Strap head harness

- Gives head support and even distribution of weight
- Good skin comfort in tough conditions
- Provides leakproof fit



Adjustable penta belt

- Gives head support and even distribution of weight
- Good skin comfort in tough conditions
- Provides leakproof fit



Full face respirator facepiece

- Made of silicone / TPE, with dual filters or replaceable cartridges.
- Light in weight and comfortable to use

Filters



VENUS V-999-MS

Full Face Mask

Compatible with Venus V-7900 dual Filters



Item #	Colour	Size & material
13402	GREY	MEDIUM - SILICON
15276	GREY	MEDIUM - TPE
15277	GREY	MEDIUM - TPE ANTIFOG

Spare Parts

- 73477 -Mask Body
- 73478 -Harness with adjustable clips
- 73479 -Holder assembly
- 73480 -Bracket assembly
- 73481 -Inner Mask with Valve
- 73482 -GHC visor with gasket
- 73483 -AF visor with gasket
- 73484 -Transparent Protection film

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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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.





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Benefits of Venus V-999 Full Face Mask / TPE

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.

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Features & Benefit

- Replaceable gas filters
- Virgin grade High impact polystyrene (HIPS) filter container & retainer tough & resilience provides extra strength
- Impregnated Granular Activated Carbon
- GAC helps in chemisorption of the contaminants.
- GAC is impregnated with certain chemicals
- Optimal use of filter due to air gap free packaging
- Gas filter and particle pre-filter can be combined

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.

COLOUR CODE	HAZARD TYPE	EXAMPLES	MAXIMUM USER LEVELS
Brown	Organic Vapour (OV)	Cyclohexane C ₆ H ₁₂	1000 ppm or 30 X OEL whichever is lower
Grey	Inorganic Gases (IO)	Chlorine (Cl ₂), Hydrogen Sulphide (H ₂ S), Hydrogen Cyanide (HCN)	1000 ppm or 30 X OEL whichever is lower
Yellow	Acid Gases (AG)	Sulphur Dioxide (SO ₂)	1000 ppm or 30 X OEL whichever is lower
Green	Ammonia (AM) & derivatives	Ammonia (NH ₃)	1000 ppm or 30 X OEL whichever is lower
Brown, Grey, Yellow	OV/IO/AG/AM + Particulate Pre-filter	Cyclohexane (C ₆ H ₁₂), Hydrogen Sulphide (H ₂ S), Chlorine (Cl ₂), Hydrogen Cyanide (HCN), Sulphur Dioxide (SO ₂), Ammonia (NH ₃)	1000 ppm or 30 X OEL whichever is lower
Brown, Yellow	Organic Vapour (OV) + Acid Gases (AG)	Combined filter	1000 ppm or 30 X OEL whichever is lower
White	Particle Filter	Non highly volatile liquid & solid particle	30 X OEL
Grey	Particle Filter with nuisance odour filter	Non highly volatile liquid & solid particle	30 X OEL
White	Particle Filter	Non highly volatile liquid & solid particle	30 X OEL
Brown	Organic Vapour + Particulate Pre-filter	Combination of Venus V-7800 A1 gas filter with V-7800 pre-filter & retainer fulfill the requirement of combination filter class A1 P2 R	1000 ppm or 10 X OEL whichever is lower
Brown, Grey, Yellow	OV/IO/AG/AM + Particulate Pre-filter	Combination of Venus V-7800 ABEK1 gas filter with V-7800 pre-filter & retainer fulfill the requirement of combination filter class ABEK1 P2 R	1000 ppm or 10 X OEL whichever is lower
Brown, White	Organic Vapour + Particulate filter	Combined filter	1000 ppm or 30 X OEL whichever is lower
Brown, Grey, Yellow, White	OV/IO/AG/AM + Particulate filter	Combined filter	1000 ppm or 30 X OEL whichever is lower
Brown, Grey, Yellow, White, Red	OV/IO/AG/AM/Hg + Particulate filter	VENUS V-7800-ABEK1 Hg P3 R Combined Filter Multi-gas Filter including Hg Vapour Maximum use time 50 hours against Mercury vapour	1000 ppm or 30 X OEL whichever is lower
Brown, White	Organic Vapour + Particulate Pre-filter	Combined filter	5000 ppm or 30 X OEL whichever is lower



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J.THADHANI & CO.

New #12/ Old #28, Stringers Street,
Chennai - 600001, Tamilnadu, India.



044 - 4262 5223



info@thadhanisafety.com



www.thadhanisafety.com