

Technical Datasheet

Venus E-507

Dust and Liquid Splash Protection.

Venus E-507 Item # 110117001

Clear Hard Coated – Anti Fog

Venus E-507 Item # 140113701

Clear Hard Coated – Anti Fog

Blister Pack



Technical Specification:

Certified with ANSI Z87.1 and IS 8521-1 for assured performance and reliability.

- **Lens Type:** 5 base curve spherical lens design
 - Provides a wide field of vision for enhanced peripheral visibility.
 - High impact-resistant lens for robust protection.
 - UV protection to safeguard eyes from harmful sun exposure.
 - Anti-fog lens treatment ensures clear vision in humid or high-temperature environments.
 - Hard coating makes the lens highly resistant to scratches and chemicals.
- **Frame:** Double injection frame with a soft nose bridge
 - Ensures durability and comfort with dual-material construction.
 - Soft nose bridge provides comfort for prolonged wear without irritation.
- **Headband:** Superior textile headband with side hook & back adjuster
 - Ensures a secure fit and superior comfort.
 - Adjustable back strap for personalized sizing.
- **Ventilation:** Indirect ventilation for airflow without compromising protection from splashes or dust.
- **Compatibility:** Over-the-glass (OTG) design, allowing users to wear prescription eyewear underneath the goggles.

FEATURES AND BENEFITS

1. **Protection from Liquid Splash & Dust Particles:**
 - Provides a high level of protection against harmful liquids and fine dust particles, ensuring safety in hazardous environments.
2. **Comfortable Fit:**
 - Double injection frame construction with a soft nose bridge ensures a snug fit without causing pressure points on the nose, increasing wearer comfort over extended use.
3. **Superior Headband:**
 - The high-quality textile headband delivers better comfort than standard rubber headbands and can be adjusted using the side hook & back adjuster for a personalized fit.
4. **Wide Field of Vision:**
 - The 5 base curve spherical lens ensures a broad field of vision, reducing blind spots and increasing awareness of the surrounding environment.

5. **High Impact Resistance:**

- The high-impact resistant lens material is designed to withstand impacts from flying debris, reducing the risk of eye injury in hazardous environments.

6. **UV Protection:**

- Protects the eyes from harmful UV rays, making it suitable for outdoor work environments where sun exposure is a concern.

7. **Anti-Fog and Scratch Resistant:**

- Anti-fog coating prevents lens fogging during use, ensuring clear vision.
- Hard coating on the lens makes it resistant to scratches and harsh chemicals, increasing the longevity of the goggles.

8. **Over-the-Glass (OTG) Compatibility:**

- Designed to comfortably fit over prescription eyewear, eliminating the need for separate safety eyewear.

User Instructions:

1. **Before Use:**

- Inspect the goggles for any cracks, scratches, or defects before use.
- Ensure the lens is clear and free of obstructions.

2. **Fitting:**

- Adjust the textile headband using the back adjuster and side hook to achieve a comfortable and secure fit.
- Place the goggles over your eyes and adjust the nose bridge to rest comfortably without causing pressure.

3. **During Use:**

- Keep the goggles clean by wiping the lens with a microfiber cloth to prevent smudges and maintain clear visibility.
- Avoid touching the inside of the lens to prevent transferring oils and dirt.
- Do not remove the goggles in areas where liquid splashes or dust particles are present.

4. **Post Use:**

- After use, clean the goggles with mild soap and water, ensuring they are completely dry before storing.
- Store the goggles in a protective case when not in use to prevent scratches.

Applications:

- **Furnace operation:** Pouring, Casting, hot dipping
- **Chemical industry:** Liquids, acid and chemical handling, decreasing, plating
- **Laboratory:** Chemical handling, chemical reaction (splash)
- **Mining:** Drilling, Material handling
- **Paints:** Paint spray, Mixing.
- **Pharmaceuticals:** Bulk drug, Charging application etc.
- **Ships:** Tank cleaning

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