

# Technical Datasheet

## Venus E-767IR

Welding/ IR Protection.

**Venus E-767** Item # 110117701

Welding Goggle



### Technical Specification:

Complies with ANSI Z87.1 for assured performance and reliability.

- **Style & Design:**
  - **Compatibility:** Can be worn comfortably over prescription lenses for users with vision correction needs.
  - **Ventilation:** Four indirect ventilation ports integrated into the design to provide enhanced airflow and comfort, especially in hot environments.
  - **Ergonomic Flip-Up Design:** Quick and easy flip-up mechanism for convenient lens access when not in use.
  - **Quality Mark:** Certified for performance and compliance with safety standards.
- **Lens:**
  - **Outer Lens:** IR Shade 6 for adequate protection against intense light during welding operations.
  - **Inner Lens:** Clear polycarbonate (PC) lens for high impact resistance, ensuring eye protection from flying debris, sparks, and other hazards encountered during welding.
- **Headband:**
  - **Adjustable Textile Side Straps:** Equipped with textile side adjustments for a secure and customizable fit, providing additional comfort for extended use.

### FEATURES AND BENEFITS

1. **Prescription Lens Compatibility:**
  - **Feature:** Can be worn over prescription lenses.
  - **Benefit:** Ensures that individuals with vision correction needs can use the goggles without the need for specialized eyewear, providing convenience and versatility.
2. **Enhanced Ventilation with 4 Indirect Ports:**
  - **Feature:** Four indirect ventilation ports are incorporated into the design.
  - **Benefit:** Prevents fogging and promotes airflow, keeping the goggles comfortable to wear in hot environments, such as during welding or other high-temperature tasks.
3. **Ergonomic Flip-Up Design:**
  - **Feature:** An ergonomic flip-up mechanism for easy switching between protection and visibility.
  - **Benefit:** Allows for seamless transitions between working and non-working situations, reducing the need for full removal of the goggles when brief visual access is needed.
4. **Outer Lens with IR Shade 6:**
  - **Feature:** Outer lens made with Infrared (IR) shade 6 for optimal protection during welding.
  - **Benefit:** Provides the appropriate level of protection against intense welding light, ensuring the safety of the eyes during welding tasks.

5. **Clear Inner Polycarbonate (PC) Lens:**

- **Feature:** High-quality polycarbonate inner lens for impact resistance.
- **Benefit:** Protects the eyes from flying debris and particles, ensuring durability and clear vision in demanding welding environments.

6. **Adjustable Textile Headband:**

- **Feature:** Textile side adjustment for a customizable and secure fit.
- **Benefit:** Ensures the goggles stay in place, providing all-day comfort and reducing the risk of discomfort, even with extended use.

7. **Quality Certification:**

- **Feature:** Meets industry standards for welding goggles.
- **Benefit:** Offers assurance of quality, durability, and safety, making them suitable for professional and industrial use.

**User Instructions:**

● **Wearing Instructions:**

- **Fit the goggles over your face** ensuring they cover the eyes securely.
- **Adjust the textile side straps** to ensure the goggles are snug but comfortable on your head.
- **Check the flip-up mechanism:** Flip the lens down when in use to shield your eyes from intense welding light, and flip it up when additional visibility is required.
- **Ensure prescription lenses** (if required) fit properly under the goggles before starting work.

**Important Note:** These goggles are designed for welding assistance only and should not be used for direct welding. They are intended to provide eye protection during tasks where the user is not directly exposed to the welding arc. For direct exposure to welding arcs, proper welding shields or hoods with appropriate shade lenses should be used.

● **Maintenance & Cleaning:**

- **Lens Cleaning:** Clean the lenses with a soft cloth or microfiber towel to avoid scratching. Use lens cleaner if needed, but avoid harsh chemicals that may damage the coating.
- **Frame Care:** Wipe the frame with a damp cloth to remove dirt and debris. Allow to air dry before storage.
- **Storage:** Store the goggles in a clean, dry place, preferably in a protective case to prevent lens damage when not in use.

● **Inspection:**

- **Pre-use Check:** Inspect the lenses for any cracks, scratches, or damage. If damaged, replace the lenses immediately to ensure adequate protection.
- **Strap Adjustment:** Regularly check the headband for wear and tear. Replace the headband if it becomes loose or frayed.

**Applications:**

● **Welding Applications:**

- Gas Welding
- Oxygen Welding