

## Technical Datasheet

### Venus E-311

Protection and Comfort. One size fits all.

**Venus E-311** Item # 110119101  
Protective Spectacle



#### **Technical Specification:**

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

- **Design:** Dual lens wrap-around style with 8 base curve
- **Frame Type:** Full face foam/brow pad for secure fit
- **Temple/Headband:** Quick release for easy interchange
- **Material:**
  - **Frame:** Metal-free, screw-less dielectric safety design
  - **Temples:** Co-molded with soft TPE material for comfort
  - **Lens Coating:** Hard-coated lens for abrasion resistance
- **Protection:** High impact resistance, UV protection, and full facial protection
- **Size:** One size fits all
- **Certifications:** Quality mark for assured performance
- **Special Feature:** Quick release for temple/headband interchange, additional temple fitting available

#### **FEATURES AND BENEFITS**

1. **Double Molded Built-in Full Face Foam / Brow Pad:**
  - The integrated foam and brow pad prevent slipping, even in tough working environments, ensuring the eyewear stays in place during active or heavy-duty tasks.
  - The foam adds extra comfort and helps create a snug fit, preventing debris from entering the eyes.
2. **Quick Release Temple/Headband Interchange:**
  - Users can easily switch between a temple and a headband, offering immense flexibility in how the eyewear is worn. This is ideal for environments where comfort and adaptability are key.
3. **Co-Molded Temple with Soft TPE Material:**
  - The soft TPE (thermoplastic elastomer) material used in the temples provides additional comfort for extended wear, reducing pressure points around the ears and head.
4. **Metal-Free, Screw-Less Dielectric Safety Design:**
  - The eyewear is constructed using a metal-free design, making it ideal for environments with electrical hazards, ensuring user safety without the risk of conductivity.
  - The screw-less design enhances durability and prevents parts from coming loose over time.
5. **Dual Lens Wrap-Around Design:**
  - The 8-base curve wrap-around design provides full protection around the eyes while maintaining a stylish and modern aesthetic.
  - The dual lens design helps to reduce glare and provides better visual clarity, offering a wider field of view.

#### 6. **Hard-Coated Lenses:**

- The hard coating on the lenses makes them highly resistant to scratches and abrasions, ensuring that the lenses remain clear and functional even in harsh conditions.

#### 7. **High Impact Resistance:**

- The lenses are designed to withstand high-impact forces, offering superior eye protection from flying debris, dust, and other hazards.

#### 8. **UV Protection:**

- The lenses come with built-in UV protection, shielding the eyes from harmful ultraviolet rays, making the eyewear suitable for both indoor and outdoor use.

### **User Instructions:**

#### • **Wearability:**

- Position the eyewear over your face, ensuring the foam brow pad rests comfortably against the forehead and helps keep the eyewear in place.
- Choose between wearing the temple arms or the headband depending on your work environment and personal preference.

#### • **Temple/Headband Interchange:**

- To switch between the temple arms and headband, simply release the quick-release mechanism and replace as desired for optimal comfort and fit.

#### • **Lens Care:**

- Clean the lenses regularly with a soft microfiber cloth to avoid scratching.
- Use a lens cleaner specifically designed for eyewear to preserve the coating and ensure clear vision.

#### • **Storage:**

- When not in use, store the eyewear in a protective case to prevent damage.
- Keep the eyewear away from excessive heat or moisture, as extreme conditions can damage the materials.

#### • **Fitting:**

- Adjust the temples or headband to ensure the eyewear fits securely and comfortably without slipping.
- Ensure the foam pad is aligned to prevent debris from entering and ensure maximum comfort during wear.

### **Applications:**

- **Agriculture:** Pesticide & Insecticide spraying
- **Battery:** Lead handling
- **Cement & Ceramics:** Crushing, Bagging, Cement handling, Material mixing
- **Chemical:** Bulk drugs, Blending operation & Utility process
- **Construction:** Chipping, grinding, masonry work, riveting and sanding & Demolition work
- **Engineering:** Sand blasting, Powder coating, buffing, Cutting
- **Mining:** Drilling, Material handling
- **Pharmaceuticals:** Bulk drugs, Material charging
- **Tyre:** Carbon black
- **Misc.:** Chipping, Grinding, Masonry work, Riveting, Cutting & Sanding

**MFG & MKT By:**

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