

# Technical Datasheet

## Venus H-2000 Series

Ventilated and Non-Ventilated - Half Peak



Helmet Shell Color	Venus H-2000 Series Shell (Item Code)	
	Ventilated	Non-Ventilated
	V-2010 Textile Ratchet	V-2010 Textile Ratchet
White	Item # 110892301	Item # 110891701
Yellow	Item # 110892201	Item # 110891601
Blue	Item # 110892101	Item # 110891501
Green	Item # 110892001	Item # 110891401
Orange	Item # 110891901	Item # 110891301
Red	Item # 110891801	Item # 110891201
N.Blue	Item # 110865001	Item # 110865401
Black	Item # 110865101	Item # 110865501
Brown	Item # 110865201	Item # 110865601
Grey	Item # 110865301	Item # 110865701
F.Green	Item # 110880001	Item # 110880101



### Technical Specification:

Certified with ANSI Type I Class E and IS 2925 for assured performance and reliability

- **Shell Material:** High-Density Polyethylene (HDPE)
  - **Design:** Sleek and attractive for a modern look.
  - **Rain Trough:** Integrated rain trough to direct water away from the face.
- **Certification:** Type I Certified
  - **Conforms to safety standards for industrial head protection.**
  - **Provides** protection against electrical hazards up to 20,000 volts.
- **Suspension System:**
  - **4-Point Textile Suspension:** Ensures even impact distribution for comfort and safety.
  - **Sure-Lock Ratchet Adjustment:** Allows quick, easy fit adjustments for a secure and comfortable fit.
  - **Pin Lock or "Fit-Lock" Ratchet Adjustment:** For customizable fit adjustments to suit various head shapes and sizes.
- **Peak:** Optimum peak design for visibility and sun protection.
- **Brim:** Full brim for extra protection against sun, rain, and debris.
- **Printing Surfaces:** Large printing areas on the front, sides, and back for easy logo or branding customization.
- **Accessory Compatibility:** Slots available for attaching accessories such as face shields, ear muffs, and chin straps.

### FEATURES AND BENEFITS

1. **Electrical Hazard Protection:**
  - The helmet provides protection against electrical hazards up to 20,000 volts, offering reliable head protection for workers in electrical environments (Class E).

2. **Durable and Attractive HDPE Shell:**

- The high-density polyethylene (HDPE) shell is both strong and lightweight, ensuring protection against impacts while providing comfort for long periods of use.
- Sleek and modern design suitable for various industrial and construction environments.

3. **Comfortable Suspension System:**

- The 4-point textile suspension system ensures the helmet fits comfortably and distributes impact forces evenly.
- **Sure-Lock Ratchet** allows for fast and easy adjustments to achieve a secure fit.
- Pin Lock or “Fit-Lock” ratchet adjustment ensures a customizable fit for different head sizes, ensuring maximum comfort.

4. **Full Brim & Optimum Peak Design:**

- The full brim offers extra protection from environmental elements such as rain, sun, and falling debris.
- The **optimum peak** ensures superior visibility and protection from the sun.

5. **Rain Trough for Convenience:**

- Integrated rain trough helps to divert rainwater away from the user's face, providing extra comfort in wet conditions.

6. **Customizable Branding:**

- **Large printing surfaces** on the front, sides, and back of the helmet allow for easy customization with logos, making it ideal for corporate branding.

7. **Accessory Slots:**

- Helmet features accessory slots for additional head protection, such as face shields and ear protection, allowing workers to be fully equipped for various tasks.
- Chin **strap attachment** ensures the helmet stays securely in place, especially in high-mobility environments.

### **User Instructions:**

1. **Before Use:**

- Inspect the helmet for any damage, such as cracks, broken straps, or defects in the suspension system.
- Ensure that the shell is intact and free from any signs of wear that could compromise safety.
- Confirm the adjustment system (ratchet or pin lock) is functioning correctly.

2. **Fitting:**

- Adjust the **Sure-Lock Ratchet Suspension** by rotating the knob to achieve a secure fit. The helmet should sit comfortably on the head, not too tight but snug enough to stay in place.
- Use the **4-point textile suspension** to ensure the helmet is evenly distributed for maximum comfort and protection.
- Adjust the **chin strap** for added security, ensuring it is snug but not too tight to restrict movement.

3. **During Use:**

- Wear the helmet whenever working in environments where head protection is required.
- Ensure that the peak is positioned correctly for optimal visibility and protection.
- Avoid removing the helmet unless it is safe to do so or during breaks in areas where there are no hazards.
- In rainy or wet conditions, the integrated rain trough will help direct water away from the face, but avoid prolonged exposure to heavy rain without proper coverage.

4. **Maintenance:**

- Regularly clean the helmet with a damp cloth and mild soap. Do not use harsh chemicals, as this may damage the shell material.

- Check for any damage to the suspension system, shell, or accessories. Replace any damaged parts immediately to ensure continued safety.
- If the helmet has been subjected to a heavy impact or is showing signs of damage, replace it to maintain protective performance.

5. **Storage:**

- Store the helmet in a cool, dry place away from direct sunlight, heat sources, or harsh chemicals that could degrade the materials.
- Keep the helmet in a protective cover to prevent damage to the shell and suspension system.
- Replace the safety helmet if they become cracked, or lose their protective qualities.

**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