

# Technical Datasheet

## Venus H-4000 Series

Ventilated and Non-Ventilated - Half Peak



Helmet Shell Color	Venus H-4000 Series Shell <small>(Item Code)</small>			
	Ventilated		Non-Ventilated	
	V-4040 Plastic Ratchet	V-4041 Plastic Pinlock	V-4040 Plastic Ratchet	V-4041 Plastic Pinlock
White	110801501	110802501	110803501	110888501
Yellow	110801601	110802601	110803601	110888401
Blue	110801701	110802701	110803701	110804501
Green	110801801	110802801	110803801	110804601
Orange	110801901	110802901	110803901	110804701
Red	110802001	110803001	110804001	110804801
N.Blue	110802101	110803101	110804101	110804901
Black	110802201	110803201	110804201	110805001
Brown	110802301	110803301	110804301	110805101
Grey	110802401	110803401	110804401	110805201



### Technical Specification:

Certified with IS 2925 for assured performance and reliability

- **Material:** High-impact technical fibres for superior strength and durability
- **Design:** Sleek, lightweight, and ergonomic
- **Ventilation:** Inbuilt air vents for enhanced airflow and comfort
- **Adjustment System:** Pin-lock or ratchet suspension for a secure fit
- **Peak Design:** Optimized peak for improved protection
- **Accessory Compatibility:** Side slots for attachments such as earmuffs and face shields
- **Printing Surface:** Large printable areas on the front, sides, and back for custom logos
- **Chin Strap Attachment:** Designed for additional safety and stability
- **Performance Assurance:** Quality-marked for compliance with safety standards

### FEATURES AND BENEFITS

- Durable Shell:**
  - Provides high-impact resistance while maintaining a lightweight structure for user comfort.
- Rain Trough Design:**
  - Ensures water runoff for added convenience in outdoor environments.
- Enhanced Air Circulation:**
  - Integrated air vents promote airflow, reducing heat buildup and improving comfort.
- Custom Branding Capability:**
  - Large surface area for company logos, enhancing corporate identity.

5. **Secure & Comfortable Fit:**
  - Available with pin-lock or ratchet suspension for a personalized, snug fit.
6. **Accessory Slots:**
  - Designed to accommodate additional safety gear such as earmuffs and face shields.
7. **Adjustable Chin Strap:**
  - Provides additional security and stability during movement.
8. **Compliance & Assurance:**
  - Certified for safety standards, ensuring reliable performance in hazardous environments.

### **User Instructions:**

1. **Wearing the Helmet:**
  - Position the helmet squarely on your head, ensuring full coverage and alignment.
  - Adjust the suspension system (pin-lock or ratchet) to achieve a secure yet comfortable fit.
2. **Adjusting for Comfort & Security:**
  - Use the ratchet or pin-lock adjustment mechanism to tighten or loosen as needed.
  - Ensure the helmet is snug but not too tight to allow comfort and breathability.
3. **Using Additional Accessories:**
  - Utilize the accessory slots for attaching earmuffs, visors, or other safety add-ons.
  - Secure the chin strap if needed for extra stability in active work environments.
4. **Storage & Maintenance:**
  - Store in a cool, dry place away from direct sunlight and chemical exposure.
  - Regularly inspect for cracks, dents, or wear and replace if damaged.
5. **Cleaning & Care:**
  - Clean with mild soap and water; avoid harsh chemicals that may degrade the material.
  - Dry completely before reuse to prevent mold or material deterioration.

### **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