



TECHNICAL DATA SHEET

ULTRA TUFF 2000 SERIES

Pc helmet

Product Introduction:

- This helmet combines advanced safety and superior comfort, making it ideal for various demanding environments.
- Industrial helmets made of polycarbonate shells and equipped with textile suspension with ratchet mechanisms offer a range of features and applications.
- Designed as per IS 2925:1984 and meets ANSI Z89.1:2014, CLASS-E standard, it ensures maximum protection for the wearer in various high-risk environments

Features:

- Polycarbonate is known for its excellent impact resistance, making the helmet durable and capable of withstanding high impact forces and also 99.9% UV protected.
- The breathable 4-point textile materials and secure ratchet fit ensure long-lasting comfort and stability, making it ideal for extended use.
- Aesthetic look with smooth finish – solid colored resin for a permanent, no-chip, no-peel finish
- Adjustable chin straps for added stability and security.
- Stronger than HDPE helmets yet light weight
- Designed for best use in industries where there is a hazard from high levels of radiant heat

Benefits:

- **Regulatory Compliance:** Compliances focuses on impact resistance, electrical insulation, penetration resistance, and overall durability.
- **Safety Improvement:** : The textile suspension system with a ratchet fit mechanism allows for easy and precise adjustment, ensuring a secure and comfortable fit.
- **High durability:** Polycarbonate is known for its excellent impact resistance, making the helmet effective in protecting against falling objects, debris, and accidental head bumps.
- **Electrical protection:** Ultra Tuff is designed to offer insulation from electrical currents, making them suitable for electricians in power-related industries.
- **Continuous protection:** Polycarbonate does not easily crack or shatter under impact, providing continuous protection in dangerous environments.



Udyogi



Product Specifications:

Model: ULTRA TUFF 2000 Series
Construction: Polycarbonate
Ventilation: Non-vented
Variants: Textile Ratchet (2001 LRX)
Weight: 378 grams.
Color: White, Yellow, Blue, Red, Green, Orange, Sky Blue, Violet
Peak size: 44 mm.
Accessories slot size: 30 mm.
Internal vertical clearance: 35 mm
Wearing height: 86 mm
Circumference of Headband: 530 mm - 610 mm
Cradle width: 25 mm
Chin strap width: 19.85 mm
Packaging: 40 pcs. per carton

TEXTILE RATCHET FIT :



• Applications :

- Ultra Tuff is resistant to electric shock and high level impact, adding an extra layer of protection in environments where exposure to hazardous substances is possible
- The helmet can withstand different weather conditions without degrading, ensuring consistent performance in diverse outdoor environments.

Industry :

These helmets are utilized for their protective and practical features in various industries such as



Power



Heavy Manufacturing



Automobile



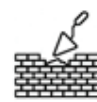
Steel



Oil & Gas



Chemical



Construction



General Manufacturing



Pharmaceutical



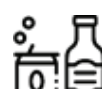
Marine



Railway



Logistic



Food & Breweries



FMCG



Safety Information :

- When worn and maintained properly, safety helmets do a great job of protecting your head from a single impact.
- Excessive discoloration of the shell color of the surface may indicate a loss of strength. Such helmets should be discarded
- All components, shells, harnesses, headbands, and accessories should be visually inspected at least weekly.
- Helmets with sound shells but with damaged, excessively dirty, or defective harness components should be withdrawn from service and the complete harness and cradle replaced.

Usage Instructions :

- Place the helmet squarely on your head, ensuring it covers the top of your forehead and sits level.
- Turn the ratchet knob at the right present at the back side until the helmet fits snugly and comfortably.
- Adjust the chin strap length to ensure a tight fit without causing discomfort.
- Turn the ratchet knob to the left and loosen the chin strap to put the helmet off.

Storage :

- Can be stored and transported in their original cartons at ambient temperature (0°C to + 30°C)
- Shell may be stored in the dark for up to 3 years
- Do not store in direct / high heat or sunlight as this may distort the suspension