

TECHNICAL DATA SHEET

ULTRAVENT 7000 LRX SERIES HDPE Helmets

Product Introduction:

- This helmet combines advanced safety and superior comfort, making it ideal for various demanding environments. The High Density Polyethylene (HDPE) shell ensures outstanding impact resistance and durability, while also offering superior heat resistance to safeguard the wearer in high-temperature conditions. Designed to meet IS 2925:1984 and EN 397:2012 standard, it ensures
- maximum protection for the wearer in various high-risk environments



Features:

- HDPE is known for its ability to absorb and withstand significant impact forces, providing reliable protection
- The 8 points plastic slip-fit suspension system allows for easy adjustment to accommodate different head sizes and shapes, ensuring a secure fit.
- Adjustable chin strap for customized fit and comfort.
- Helmets with HDPE shells are relatively lightweight, reducing user fatigue during prolonged wear.
- Universal slots for attaching accessories such as face shields, ear protection, and headlamps.

Benefits:

- **Cost-Effective:** Choose proper helmets for proper application. The helmet's FRP construction is highly resistant to heat, making it suitable for use in high-temperature environments. **Regulatory Compliance:**
- Assists in meeting safety and environmental regulations by providing protection against falling objects.
- **Safety Improvement:** The textile suspension system with a ratchet fit mechanism allows for easy and precise adjustment, ensuring a secure and comfortable fit. Breathable textile materials reduce pressure points and improve comfort, making it ideal for extended use.
- **Recyclable:** Prevents hazardous substances from spilling onto the ground or into waterways
- **Durability:** The robust construction and impact-resistant properties of the Thermoguard shell ensure long-lasting performance, even in harsh conditions.

Product Specifications:

Model: ULTRAVENT 7000 Series
Construction: HDPE (High Density Polyethylene)
Ventilation: 4-point crown ventilation on both sides
Variants: Plastic slip fit (7000L); Plastic ratchet fit (7000 LRX);
 Textile slip fit (7001 L); Textile ratchet fit (7001 LRX).
Weight: Slip fit- 390 grams, Ratchet fit- 398 grams
Color: White, Yellow, Blue, Red, Green, Orange, Sky Blue, grey, pink
Peak size: 40 mm.
Accessories slot size: 30 mm.
Internal vertical clearance: Plastic- 32 mm & Textile- 30 mm.
Wearing height: 93(plastic) & 95(textile)
Circumference of Headband: 520-600 mm.
Cradle width: 24.58 mm. (Textile)
Chin strap width: 19.85 mm
Pcs. per carton: 40 (ratchet fit); 50 (slip-fit) pcs per carton
Standard: IS 2925:1984 & EN 397:2012

Variants



Plastic Slipfit



Plastic Ratchet



Textile Slipfit



Textile Ratchet

Applications :

- The HDPE shell provides excellent protection against falling objects which ensures the wearer's safety in case of an accident.
- HDPE is resistant to various chemicals, 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.

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 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