

## TECHNICAL DATA SHEET

### ULTRAVENT 7000 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.

### Industry :

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



Cement Industry



Heavy Manufacturing



Automobile



Construction



Power



General Manufacturing



Steel



Railway



Oil & Gas



Food & Breweries



FMCG



Pharmaceutical



Chemical



**THADHANI**®  
The Experts in Safety... Since 1947

**J.THADHANI & CO.**

New #12/ Old #28, Stringers Street,  
Chennai - 600001, Tamilnadu, India.



044 - 4262 5223

info@thadhanisafety.com

www.thadhanisafety.com

**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

