



TECHNICAL DATA SHEET

ULTRA 5000 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 standard.



Features:

- This helmet features a robust shell with three ribs at the top of the helmet made of High Density Polyethylene (HDPE), providing exceptional impact resistance and durability.
- The breathable plastic & textile cradle materials and secure fit ensure long-lasting comfort and stability making it ideal for extended use.
- Customized ventilation holes for front to back air flow
- Adjustable chin strap for customized fit and comfort.
- 6-point plastic / textile suspension with slip fit or ratchet fit adjustment.
- Aesthetic look with smooth finish – solid colored resin for a permanent, no-chip, no-peel finish.

Benefits:

- **Safety Improvement:** The plastic/textile suspension system with a slip fit/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.
- **Durability:** The robust construction and impact-resistant properties of the shell ensure long-lasting performance, even in harsh conditions.
- **Recyclable:** Prevents hazardous substances from spilling onto the ground or into waterways.
- **Non-Polar Nature:** HDPE is non-polar, making it resistant to solvents, acids, and bases.

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Product Specifications:

Model: ULTRA 5000 Series
Construction: HDPE (High Density Polyethylene)
Ventilation: Customized 4-point ventilation
Variants: Plastic slip fit (5000L); Plastic ratchet fit (5000 LRX);
 Textile slip fit (5001 L); Textile ratchet fit (5001 LRX)
Weight: Slip fit - 370 grams,
 Ratchet fit - 378 grams
Color: White, Yellow, Blue, Red, Green, Orange, Sky Blue, grey, pink
Peak size: 40 mm.
Accessories slot size: 15 mm.
Internal vertical clearance: Plastic- 31 mm & Textile- 31 mm.
Wearing height: 95(plastic) & 95(textile)
Circumference of Headband: 530 mm – 600 mm.
Cradle width: 24.58 mm.
Chin strap width: 19.85 mm
Pcs. per carton: 40 (ratchet fit); 50 (slip-fit) pcs per carton
Standard: IS 2925:1984

Variants



Plastic Slip Fit



Plastic ratchet Fit



Textile Slip Fit



Textile Ratchet Fit

Applications :

- The shell provides excellent protection against falling objects which ensures the wearer's safety in case of an accident.
- It 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 :

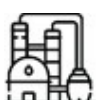
These helmets are utilized for their protective and practical features in various industries such as



Cement Industry



Heavy Manufacturing



Oil & Gas



Automobile



Construction



General Manufacturing



Power



Steel



Marine



Railway



Food & Breweries



FMCG



Pharmaceutical

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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.

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 to the right 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