UDYOGI®
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TECHNICAL DATA SHEET

ULTRA PRO 3000 SERIES



COLOURS: White, Blue, Yellow, Red, Green, Orange, Violet, Gray

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:

- This helmet features a robust shell with three ribs, 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.
- Adjustable chin strap for customized fit and comfort
- 4-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:

- **Cost-Effective:** Choose proper helmets for proper application. The helmet's HDPE construction is highly impact resistant, making it suitable for use in harsh environment
- **Regulatory Compliance:** Assists in meeting safety and environmental regulations by providing protection against falling objects
- **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.
- **Recyclable:** Prevents hazardous substances from spilling onto the ground or into waterways.
- **Durability:** The robust construction and impact-resistant properties of the HDPE shell ensure long-lasting performance, even in harsh conditions.
- **Non-Polar Nature:** HDPE is non-polar, making it resistant to solvents, acids, and bases.

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Product Specifications:

Model: ULTRA PRO 3000 Series
Construction: HDPE (High Density Polyethylene)
Ventilation: Non-ventilated
Variants: Plastic Slip fit (3000 L); Textile Slip fit (3001 L);
Textile Ratchet fit (3001 LRX).
Weight: 357 grams
Color: White, Yellow, Blue, Red, Green, Orange, Sky Blue, grey, pink
Peak size: 39 mm.
Accessories slot size: 30 mm.
Internal vertical clearance: 32 mm.
Wearing height: Plastic-91 mm. & Textile-89 mm.
Circumference of Headband: 520 mm – 620 mm.
Cradle width: 20.51 mm.
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

TEXTILE RATCHET


Textile Ratchet Fit


Plastic Slip Fit


Textile Slip Fit


Textile Ratchet Fit

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


Oil & Gas


Construction



Cement Industry


Heavy Manufacturing


Automobile


Power


General Manufacturing


Steel


Marine


Railway


Logistic


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.
- 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

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