



TECHNICAL DATA SHEET

ULTRA DUOS 7100 SERIES HDPE Helmets

Product Introduction:

- Ultra Duos 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:

- The shell is known for its ability to absorb and withstand significant impact forces, providing reliable protection.
- The 8 points plastic suspension with easy ratchet fit adjustment to accommodate different head sizes and shapes, ensuring a secure & comfortable fit.
- Adjustable buckle type chin strap provides secure fit.
- 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:

- **Regulatory Compliance:** Assists in meeting safety and environmental regulations by providing protection against falling objects.
- **Safety Improvement:** The plastic suspension system with a ratchet fit mechanism allows for easy and precise adjustment, ensuring a secure and comfortable fit.
- **Recyclable:** Prevents hazardous substances from spilling onto the ground or into waterways
- **Durability:** The robust construction and impact-resistant properties of the Ultra Duos shell ensure long-lasting performance, even in harsh conditions.



Product Specifications:

Model: ULTRA DUOS 7100 Series
Construction: HDPE (High Density Polyethylene)
Ventilation: Non-ventilated
Variants: Plastic Ratchet fit (7100LRX); Plastic slip fit (7100 L).
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 Ratchet



Plastic Ratchet



Applications :

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



Cement Industry



Heavy Manufacturing



Automobile



Construction



Power



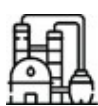
General Manufacturing



Steel



Railway



Oil & Gas



Food & Breweries



FMCG



Pharmaceutical



Chemical



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 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