



TECHNICAL DATA SHEET

UI1211 HDPE Helmets

Product Introduction:

- Udyogi UI1211 helmet combines advanced safety & comfort, making it ideal for various demanding environments.
- The High Density Polyethylene (HDPE) shell ensures impact resistance and durability, & also cost effective.
- Designed to meet IS 2925:1984 standard, it ensures maximum protection for the wearer in various risk environments.

Features:

- HDPE is known for its ability to absorb and withstand significant impact forces.
- The 6 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.
- Universal slots for attaching accessories such as face shields, ear protection.

Benefits:

- **Cost-Effective:** The helmet's HDPE construction is 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 suspension system with a slip fit mechanism allows for easy and adjustment, ensuring a secure fit.
- **Recyclable:** Prevents hazardous substances from spilling onto the ground or into waterways





Product Specifications:

Model: UI 1211
Construction: HDPE (High Density Polyethylene)
Ventilation: Non-vented
Variants: PLASTIC SLIP FIT
Weight: 320 grams
Color: White, Yellow, Blue, Red, Green, Orange, Sky Blue,
Peak size: 48 mm.
Accessories slot size: 30 mm.
Internal vertical clearance: 36 mm.
Wearing height: 90 mm.
Circumference of Headband: 530 mm – 610 mm.
Cradle width: 20.51 mm.
Chin strap width: 19.85 mm
Packaging: 75 pcs. per carton.
Standard: IS 2925:1984; DGMS Approved

TEXTILE RATCHET FIT :



Applications :

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





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