



TECHNICAL DATA SHEET

PRITHVI

Full brim helmet

Product Introduction:

- This Udyogi Prithvi with a full brim offers several benefits, particularly in terms of safety, comfort, and functionality & 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 EN397:2012+A1:2012 standard, it ensures maximum protection for the wearer in various high-risk environments.



Features:

- This helmet features a robust shell made of high Density Polyethylene (HDPE), providing exceptional impact resistance and durability.
- 4-points textile suspension with ratchet fit adjustment cradle materials and secure fit ensure long-lasting comfort and stability, making it ideal for extended use.
- 9-points ventilation on each side for air circulation
- Full brim around the shell, drains rain water.
- Adjustable chin strap for customized fit and comfort
- Buckle type adjustment, holds the shell properly
- Aesthetic look with smooth finish-solid colored resin for a permanent, no-chip, no-peel finish.

Benefits:

- **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.
- **Enhanced Sunlight and Rain Protection:** A full brim provides greater coverage from the rain & sunlight, shielding the face, ears, & neck from water and harmful UV rays. This is especially beneficial for those working or spending extended periods outdoors.
- **Recyclable:** Prevents hazardous substances from spilling onto the ground or into waterways
- **Ventilation:** Helmets include ventilation holes or channels to improve airflow while maintaining electrical insulation properties.
- **Non-Polar Nature:** The shell is non-polar, making it resistant to solvents, acids, and bases.

Udyogi



Product Specifications:

Model: PRITHVI (Full Brim Helmet)
Construction: HDPE (High Density Polyethylene)
Ventilation: 9-point ventilation
Variants: Textile ratchet fit
Weight: 546 grams
Color: White, Red, Orange, Fluorescent Green
Brim width: 40 mm.
Internal vertical clearance: 47 mm.
Wearing height: 80 mm
Circumference of Headband: 520-630 mm.
Cradle width: 21 mm.
Chin strap width: 15 mm
Packaging: 20 pcs. per carton
Standard: EN397:2012+A1:2012

TEXTILE RATCHET FIT :



Applications :

- The shell with a full brim can protect against falling debris, dirt, and other particles, which is useful in construction, landscaping, and other environments where such hazards are common.
- 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



Marine



Logistic



Construction



Power



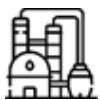
Heavy
Manufacturing



Automobile



Steel



Oil & Gas



Chemical



General
Manufacturing



Pharmaceutical



Railway



Food & Breweries



FMCG



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