



TECHNICAL DATA SHEET

THERMOGUARD 9000 SERIES

FRP Helmets

Product Introduction:

- This Udyogi Thermoguard combines advanced safety and superior comfort, making it ideal for various demanding environments.
- The Fiber Reinforced Plastic (FRP) 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, it ensures maximum protection for the wearer in various high-risk environments



Features:

- This helmet features a robust shell made of Fiber Reinforced Plastic (FRP), providing exceptional impact resistance and durability.
- The breathable textile materials and secure ratchet fit ensure long-lasting comfort and stability, making it ideal for extended use
- Aesthetic look with smooth finish – solid colored resin for a permanent, no-chip, no-peel finish
- Adjustable chin strap for customized fit and comfort
- 4-point textile suspension with ratchet fit adjustment
- Stronger than HDPE helmets yet light weight
- Designed for best use in industries where there is a hazard from high levels of radiant heat

Benefits:

- **Cost-Effective:** Choose proper helmets for proper application. The helmet's FRP construction is highly resistant to heat, making it suitable for use in high-temperature environments.
- **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. 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 Thermoguard shell ensure long-lasting performance, even in harsh conditions.

Udyogi



Product Specifications:

Model: Thermoguard 9000 Series
Construction: FRP (Fiber Reinforced Plastic)
Ventilation: Non-vented
Variants: Textile Ratchet fit (9001 LRX)
Weight: : 398 grams
Color: White, Yellow, Blue, Red, Green, Orange, Sky Blue
Peak size: 44 mm
Accessories slot size: 30 mm.
Internal vertical clearance: 35 mm.
Wearing height: 86 mm.
Circumference of Headband: 530 mm. – 600 mm.
Cradle width: 24.58 mm.
Chin strap width: 19.85 mm.
Packaging: 30 pcs. per carton
Standard: IS 2925:1984

TEXTILE RATCHET FIT :



Applications :

- The FRP shell provides excellent protection against high heat impact and falling objects which ensures the wearer's safety in case of an accident.
- FRP 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



Steel



Oil & Gas



Cement Industry



Heavy Manufacturing



Automobile



Chemical



Construction



Power



General Manufacturing



Pharmaceutical



Railway



Logistic



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