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## 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.

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## 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

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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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