

## TECHNICAL DATA SHEET

### LIGHTON V

A Height Access Helmet

#### Product Introduction:

- This helmet combines advanced safety and superior comfort, making it ideal for various demanding environments.
- The ABS shell ensures outstanding impact resistance & durability, while also offering superior heat resistance to safeguard the wearer in high-temperature conditions.
- Designed to meet EN397:2012 standard, it ensures maximum protection for the wearer in various high-risk environment.

#### Features:

- ABS provides excellent impact resistance, making these helmets effective in protecting against shocks & collisions.
- Non-contact sweat band maximizes comfort, long time use.
- 6-points textile suspension with ratchet fit adjustment allows for quick and easy adjustment to ensure a secure and comfortable fit.
- 4-points crown ventilation system provides air circulation & comfort
- 'Y' type chinstrap, Holds the shell perfectly, universal fit.
- Excellent rain management system to effectively reduce the flow of water down the neck.
- Tensile strength is higher than HDPE helmets, protects head from the falling objects

#### Benefits:

- **Cost-Effective:** Choose proper helmets for proper application. The helmet's ABS construction is highly 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. This meets the standard for mountaineering equipment
- **Field of Vision:** Designed to provide a wide field of vision, crucial for safety in dynamic environment
- **Climbing Protection:** Meets the standard for mountaineering equipment, ensuring protection against impact from falling objects, penetration, and stability during falls.
- **Durability:** Good performance against chemical splash, falling objects, radiant heat.



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### Product Specifications:

**Model:** LIGHTON V

**Construction:** ABS (Acrylonitrile Butadiene Styrene)

**Ventilation:** 4 POINT VENTILATED

**Variants:** Textile ratchet fit

**Weight:** : 546 grams

**Color:** : White

**Accessories slot size:** 30 mm.

**Internal vertical clearance:** 46 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

### TEXTILE RATCHET FIT :



### Applications :

- The ABS shell provides excellent protection against falling objects which ensures the wearer's safety in case of an accident. Best Used in industries where there is a hazard of falling from the height.
- ABS is resistant to many chemicals, including acids, alkalis, and oils, making it suitable for use in industrial environments where exposure to hazardous substances is possible.
- The helmet can withstand different weather conditions without degrading, ensuring consistent performance in diverse outdoor environments Ideal for high-altitude tasks.

### Industry :

These helmets are utilized for their protective and practical features in various industries such as



Wind Industry



Marine



Construction



Heavy Manufacturing



General Manufacturing



Steel



Automobile



Oil & Gas



Power



Pharmaceutical



Chemical



Agriculture



Transportation



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

