



TECHNICAL DATA SHEET

FUSION 6100 SERIES

NON-VENTED ABS HELMET

Product Introduction:

- This helmet combines advanced safety and superior comfort, making it ideal for various demanding environments.
- The shell ensures outstanding impact resistance and durability, while also offering medium 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:

- ABS provides excellent impact resistance, making these helmets effective in protecting against shocks and collisions. Non ventilated shell to protect against dust, chemical splashes, lower level of electricity etc
- Plastic cradle materials and secure fit ensure long-lasting comfort and stability, making it ideal for extended use
- 8-point plastic suspension with ratchet fit adjustment
- Short peak for better upwards visibility, especially in confined or low-clearance spaces
- Excellent rain water management system around the helmet shell
- 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 plastic suspension system with a ratchet fit mechanism allows for easy and precise adjustment, ensuring a secure and comfortable fit.
- **Recyclable:** Prevents hazardous substances from spilling onto the ground or into waterways.
- **Durability:** 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.





Product Specifications:

Model: FUSION 6100 Series
Construction: ABS (Acrylonitrile Butadiene Styrene)
Ventilation: Non-ventilated
Variants: Plastic ratchet fit (6100 LRX).
Weight: Ratchet fit - 357 grams
Color: White, Yellow, Blue, Red, Green, Orange
Peak size: 22 mm.
Accessories slot size: 30 mm.
Internal vertical clearance: Plastic - 35 mm
Wearing height: Plastic- 89mm
Circumference of Headband: 520 mm – 660 mm
Cradle width: 24.58 mm
Chin strap width: 19.85 mm
Packaging: Ratchet fit-40 (pcs. per carton)
Standard: IS 2925:1984

Plastic Ratchet



Applications :

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

Industry:



Pharmaceutical



Chemical



Automobile



Food & Breweries



Marine



Steel



General
Manufacturing



Oil & Gas



Power



Construction



Heavy
Manufacturing



Agriculture



Transportation



FMCG

Udyogi



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