



TECHNICAL DATA SHEET

UD 71 Safety Spectacle

Product Introduction:

- Udyogi UD-71 Safety Spectacles are designed to offer protection for workers.
- These frameless, lightest weight, snug fitting, polycarbonate lenses provides lower impact protection around the eyes.
- Designed to meet IS 8521-Part-1:2022 and EN 166:2001 standard.



Features:

- Polycarbonate lens with polycarbonate temple provides impact resistant.
- Snug-fitting lens provides perfect impact protection around the eyes
- Anti-fog & hard coating on lens ensures that the lenses remain clear even in humid environment and prevents scratches that expands shelf life
- Lens filters out 99.9% of harmful UV light.
- Close-fitting unitary front with dual 9.75 base curvature offers wide and unobstructed vision.
- Incredibly light, resilient & durable protective eyewear for all day wear.
- Fashionable design resembles spectacle, suitable for both men and women

Benefits:

- **Impact Resistance:** The polycarbonate lenses offer excellent resistance to high-velocity impacts, protecting the eyes from flying particles, sparks, and debris in industrial environments.
- **Recyclable:** Polycarbonate is recyclable. After the safety spectacles reach the end of their useful life, they can be recycled, helping to reduce environmental impact.



Product Specifications:

Model: UD 71 - Safety Spectacle
Lens: Component: Polycarbonate
Temple Component: Polycarbonate
Lens option: Clear & Gray
Coating: K (Hard Coat) & N (Anti-fog)
Optical Class: 1
Filter: 2-1.2 (Clear); 2-2.5 (Gray)
Impact Resistance: F (45 m/s)
Temple Length: 120 mm.
Width between temple tips: 105 mm.
Hinge to hinge width: 133 mm.
Max height of Lens: 40 mm.
Nasal Width: 28 mm.
Weight: 20 grams.
Packaging: 200 pcs. per carton
Standard: IS 8521-Part-1:2022; EN 166:2001;
 ANSI Z87.1

Variants



Gray Lens



Anti Fog Coating

Applications:

- Protects eyes exposed to high speed-low-energy impacts.
- Protection from flying rock, dust, debris, cement particles, metal shards, machinery hazards etc.
- Shields against liquid splashes and hazardous materials.

Industry :

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



Manufacturing



Construction



Railroad
Industry



Iron & Steel



Oil & Gas



Power



Marine



FMCG



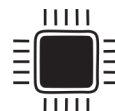
Logistics



Mining



Plastic
Manufacturing



Electronics
Manufacturing



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Safety Information :

- Avoid Exposure to High Temperatures although polycarbonate is durable, prolonged exposure to extreme heat may affect its integrity.
- Check the spectacles regularly for any cracks, scratches, or damage. Replace them if the integrity is compromised to ensure continued protection.
- Clean the lenses regularly with a soft, clean cloth to maintain clear vision. For stubborn dirt or chemical residue, use mild soap and water.

Usage Instructions :

- Place the spectacles over your eyes gently, ensuring they fit securely.
- Adjust the temples so the spectacles sit comfortably on your nose & ears
- Ensure the lenses cover your entire eye area, providing maximum protection without obstructing your vision.

Storage :

- Can be stored in the dark for up to 1 years
- Do not store in direct / high heat or sunlight as this may distort the color
- Can be stored and transported in their original cartons at ambient temperature (0° C to +30° C)

