



TECHNICAL DATA SHEET

UD 50 Safety Spectacle

Product Introduction:

- Udyogi UD-50 Safety Spectacles are designed to offer superior protection for workers in various industrial environments.
- These brow guard frame with polycarbonate lenses provide ideal impact protection around the eyes.
- Designed to meet EN 166:2001, CE standard, which covers requirements for optical quality, mechanical strength, and impact protection.



Features:

- Brow guard temple with polycarbonate lens provides side protection.
- 5-point length adjustable temple for all head sizes
- Anti-fog & hard coating on lens ensures that the lenses remain clear even in humid environment and prevents scratches that expands shelf life
- Lens offers users the clearest and the most panoramic view without obstruction
- Lens filters out 99.9% of harmful UV light
- On-piece lens, with dual 10 base curvature
- Fashionable design resembles spectacle, suitable for both men and women
- Modern temple design & soft spatula type temple tips contour to fit head shapes without stress

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
- **Enhanced Comfort:** Polycarbonate is a lightweight material, reducing strain during prolonged use.
- **Recyclable:** Polycarbonate is recyclable. After the safety spectacles reach the end of their useful life, they can be recycled, helping to reduce environmental impact.
- **Durability:** The robust construction and weather-resistant properties of the Polycarbonate shell ensure long-lasting performance, even in harsh conditions.

Udyogi



Product Specifications:

Model: UD 50 - Safety Spectacle

Lens Component: Polycarbonate

Frame Component: Polycarbonate

Temple Component: Polycarbonate

Nose piece: Integral to lens

Lens option: Clear

Optical Class: 1

Filter: 2C-1.2

Impact Resistance: F (45 m/s)

Coating: K (Hard Coat) & N (Anti-fog)

Weight: 30 grams.

Packaging: 100 pcs. per carton

Standard: EN166 :2001, CE

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 eyewear is utilized for their protective and practical features in various industries such as



Mining



Construction



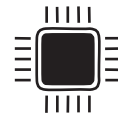
Railway



Iron & Steel



Oil & Gas



Electronics Manufacturing



Marine



General Manufacturing



Power



Aerospace



FMCG



Automobile



Agriculture



Food & Breweries



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 the eyes, 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 2 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)