

TECHNICAL DATA SHEET

UD - 39 Safety Goggle

Product Introduction:

- Udyogi UD 39 Safety Goggles designed to protect the eyes from hazards commonly encountered in industrial settings, such as dust, chemicals, flying particles, and intense light.
- Goggles made with polycarbonate lenses, PVC body, and an elastic headband with indirect ventilation are widely used due to their durability, flexibility, and comfort.
- Designed to meet IS 8521-Part-1:2022 and EN 166:2001 standard, which covers requirements for optical quality, mechanical strength, and impact protection.



Features:

- Polycarbonate lens with soft PVC frame & body provides excellent impact protection
- Lens provides medium velocity impact & splash protection around the eyes
- Hard coating on lens prevents scratches that expands shelf life
- Lens filters out 99.9% of harmful UV light
- Fully adjustable headband attached to fits most users
- Soft goggle body conforms to facial contours for a very comfortable fit to ensure for long time wearing
- Universal fit soft nose bridge conforms to facial contours to ensure a comfortable fit
- Venting system that circulates air, yet prevent dust
- Incredibly light, resilient, durable & over the glass protective eyewear for all day wear
- Suitable for different work environment & for both men and women

Benefits:

- **Safety Compliances:** The rubber headband ensures a snug-fitting, adjustable fit, Rubber is flexible, durable, and resistant to wear, ensuring the goggles stay in place while providing long-lasting use.
- **Lightweight Design:** Polycarbonate is lighter than glass, making the UD 39 goggles more comfortable for extended wear without causing strain or fatigue.
- **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.

Product Specifications:

Model: UD 39 - Safety Goggle
Lens Component: Polycarbonate
Body Component: PVC (Polyvinyl Chloride)
Nose piece: PVC [integral to frame temple]
Headband component: Nature rubber inside and polyester outside
Impact Resistance: F (45 m/s)
Coating: K (Hard Coat)
Lens option: Clear
Optical Class: 1
Filter: 2-1.2
Weight: 70 grams.
Packaging: 200 pcs. per carton
Standard: IS 8521, PART-1, 2022; EN166 :2001,CE
Standard: EN 166:2001, CE

Applications:

Protects eyes exposed to high speed & energy impacts.

Protects against flying debris, dust, and impact from tools or materials during tasks like cutting, drilling, and grinding.

Shields eyes from chemical splashes, fumes, and spills in environments involving hazardous substances, such as laboratories and chemical plants.

Safety Information :

- Ensure a secure fit with no gaps to fully protect your eyes from hazards.
- Inspect for damage before each use; replace if lenses are scratched or cracked.
- Clean regularly with a soft cloth and mild cleaner to maintain clear vision and functionality

Usage Instructions :

- Hold the goggles by the frame, positioning the lenses in front of your eyes.
- Pull the rubber headband over your head and adjust it for a snug, comfortable fit.
- Ensure a proper seal around your eyes with no gaps between the goggles and your face.
- To take it off gently pull the headband over your head while moving the goggles away from your face.

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)