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TECHNICAL DATA SHEET

UD - 49
Safety Goggle



Product Introduction:

- Udyogi UD 49 Safety Goggles designed to protect the eyes from hazards commonly encountered in industrial settings, such as dust, flying particles, and liquid splashes.
- 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 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 & liquid splash protection around the eyes
- Hard coating on lens prevents scratches & anti fog coating prevents condensation of water droplets.
- Indirect ventilation system allows air to circulate inside the goggles, helping to minimize lens fogging
- 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 49 goggles more comfortable for extended wear without causing strain or fatigue.
- **Recyclable:**UD 49 is recyclable. After the safety goggles 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

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Product Specifications:

Model: UD 49 - Safety Goggle

Lens Component: Polycarbonate

Body Component: PVC (Polyvinyl Chloride)

Nose piece: PVC [integral to frame temple]

Headband component: PP elastic

Impact Resistance: B (120 m/s)

Coating: K (Hard Coat) & N (Anti Fog)

Lens option: Clear

Optical Class: 1

Filter:2C-1.2

Weight: 75 grams.

Height of lens: 72 mm.

Length of Body: 150 mm.

Packaging:200 pcs. per carton

Standard: IS 8521, PART-1, 2022; EN166,2001

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

INDUSTRY:

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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)

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