



TECHNICAL DATA SHEET

GALAXY DUOS ACETATE SAFETY GOGGLES

Product Introduction:

- Udyogi Galaxy Duos Acetate Safety Goggles designed to protect the eyes from hazards commonly encountered in industrial settings, such as chemicals and lower level impact.
- Designed to meet EN 166: 2001, CE standard, which covers requirements for optical quality, mechanical strength, and impact protection.



Features:

- Acetate lenses offer high optical clarity, which ensures clear and distortion-free vision, critical for tasks that require precision and focus, especially used for chemical industries.
- **OVER THE GLASS** design, soft PVC frame & body provides excellent impact protection protective eyewear for all day wear
- Indirect ventilation system allows air to circulate inside the goggles, helping to minimize lens fogging
- 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
- 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

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.
- **Superior Chemical Resistance:** Acetate lenses offer better resistance to chemicals and solvents compared to polycarbonate lenses, making them ideal for environments with frequent exposure to hazardous chemicals
- **Recyclable:** Polycarbonate is recyclable. After the safety goggles reach the end of their useful life, they can be recycled, helping to reduce environmental impact.
- **Less Prone to Scratches:** Acetate lenses are naturally more resistant to scratches and better stability in high-temperature environments, than other componets.

Udyogi



Product Specifications:

Model: Galaxy Duos Acetate - Safety Goggle

Lens Component: Polycarbonate

Body Component: PVC (Polyvinyl Chloride)

Nose piece: PVC [integral to frame temple]

Headband component: PP Elastic

Clip: Nylon

Impact Resistance: F (45 m/s)

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

Lens option: Clear

Optical Class: 1

Filter: 2-1.2

Weight: 110 grams.

Packaging: 20 pcs. per box

Standard: EN166 :2001, CE

Applications:

- 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.
- Protects against irritating mist and potentially infectious materials (lab environment)

Industry:



Chemical



Pharmaceutical



Oil & Gas



Automotive



Iron & Steel



Power



Heavy
Manufacturing



Construction



Food
and Beverage



Wooden
Industries



Mining



Agriculture



Marine



Aerospace



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.
- Use a soft cloth and **non-abrasive cleaning solutions** to clean the lenses 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)