

Protective Glasses

◆ Product Description

This product is an industrial-grade professional eye protection equipment specifically designed for acid-base environments. Its core features lenses made of 100% polycarbonate (PC), combined with a one-size-fits-all structure and high-transparency optical design, providing reliable eye protection for scenarios such as chemical industry and laboratories.



- Polycarbonate Dual Protection
- High-Transparency Anti-Fog Optics
- Ergonomic Design
- Durable Materials and Easy Maintainability
- Multi-Scenario Applicability

◆ Product Structure

- Goggles are made of polycarbonate material, the core consists of transparent polycarbonate lenses with acid and alkali resistant, hardened, and anti-fog coatings, as well as anti-UV function, the support layer comprises acid and alkali resistant flexible frames and adjustable elastic headbands, enabling one-size-fits-all adaptation. All layers work together to form an acid and alkali resistant barrier and feature a safety redundancy design.

◆ Typical Applications

- Goggles are suitable for scenarios such as preventing acid splashes during hydrochloric acid handling in chemical workshops, enabling clear visibility of pipelines through the transparent lenses, being compatible with myopia glasses during nitric acid preparation in laboratories, ensuring accurate reading of scales via the anti-fog function, preventing electrolyte leakage in battery production, and handling mixed acid-alkali waste liquids in hazardous waste treatment; they ensure eye safety with multiple features.

◆ Typical Product Data and Physical Properties

Material: Polycarbonate

Color: Transparent

Size: OS

Protective Performance: Acid and alkali resistance, splash resistance, impact resistance

Lens Surface Contact Angle: $\geq 110^\circ$

UV Protection: Blocks 99% of ultraviolet (UV) rays

Light Transmittance: 99%

Availability:

Item#	Size	Color	packaging
1.3.15.02.0004	OS	Transparent	1pcs/box

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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