

Smoke Lense

G500

FEATURES

The G500 Safety Goggles provide robust eye protection with high-impact resistance, anti-fog properties, and versatile lens options for industrial, laboratory, or construction environments. Designed for comfort and durability, they meet stringent EU and ANSI standards for optical clarity and hazard protection.

TECHNICAL SPECIFICATIONS

CATEGORY	SPECIFICATION
MATERIALS	Lens: Polycarbonate (PC) Frame: PVC Strap: Polyester with ABS buckles
COMPLIANCE STANDARDS	EN 166:2001 (BT, N, K) ANSI/ISEA Z87.1-2020 (Impact Rated, D3/D4) EN 169:2002 EN 170:2002 EN 172:1994 + A1:2000 + A2:2001
DIMENSIONS	Lens Thickness: 2.1 mm (±1mm) Lens Size (Vertical): 80 mm (±1mm) Lens Size (Diagonal): 176 mm (±1mm) Interpupillary Distance: 64 mm (±1mm) Hinge-to-Hinge Width: 180 mm (±1mm)
OPTICAL PERFORMANCE	Luminous Transmittance: 89.3% Haze: ≤0.63% Anti-Fog: >45 seconds
HAZARD PROTECTION	Droplets (D3), Dust (D4)

KEY FEATURES

- Impact-resistant polycarbonate lenses
- Meets optical Class 1 requirements
- Comfortable PVC frame with adjustable strap

FSG500 FACE SHIELD (OPTIONAL ACCESSORY)

The FSG500 Face Shield offers supplementary full-face protection when paired with G500 goggles, ideal for splash-prone or high-debris environments. Its lightweight polycarbonate design ensures impact resistance without compromising visibility.

TECHNICAL SPECIFICATIONS

CATEGORY	SPECIFICATION
MATERIAL	Polycarbonate (PC)
COMPATIBILITY	Designed for use with G500 goggles
DIMENSIONS	Diagonal Length: 190 mm (±1mm) Overall Length: 175 mm (±1mm)

KEY FEATURES

- Full-face protection against splashes and flying debris
- Lightweight and comfortable for extended wear
- Easy to attach and remove from G500 goggles

