



Ultimate Industrial

EYEWEAR PROTECTION RANGE



TECHNICAL PRODUCT DATASHEET

SAFETY GOGGLES



UPDATED: 23/08/24

SG501 KARA™

Sealed Safety Goggles (+ Optional Shield).

An attractive, lightweight, sealed goggle with an anti-fog treatment and hard coated lenses for added service life and improved scratch resistance. With its compact style, the Kara™ still offers a 180° field of vision. Protection from liquid, dust, extreme temperatures and gas. The Kara™ shield is available separately for increased protection (SGVI).



TECHNICAL INFORMATION

| REF CODE | LENS | ANTI-FOG | EN 166 | EN 170 | EN 172 |
|-----------------|-----------------|----------|----------|--------|--------|
| SG501 (Kara) | CLEAR | ✓ | 1BT345KN | 2C-1.2 | ✗ |
| OPTIONAL SHIELD | Sold Separately | | | | |

LENS TYPES AVAILABLE



TECHNICAL INFORMATION

| | | | |
|--------------------------|--|---------------|--|
| ORDER REF # | EY/UC/GG/SG501-KARA | | |
| LENS AVAILABLE | Clear | | |
| PACKING | PER BOX: 12 | PER CASE: 120 | |
| SIZES AVAILABLE | ONE SIZE | | |
| EU TYPE CERTIFICATION BY | BSI Group The Netherlands B.V.. John M. Keynesplein 9, 1066 EP Amsterdam, Netherlands (Notified Body No. 2797) | | |

CERTIFICATION AND STANDARDS (SEE OVERLEAF FOR FURTHER DETAILS)

EN166:2001

EN 166 1 BT Suitable for continuous use (Class 1 optical) Medium energy impact. Will resist a 6 mm, 0.86 g ball travelling at 120 m/s. This is usually the maximum for safety goggles and Industrial visors ms)

Additional Standards:

CLEAR LENS ONLY: EN 170:2002 "Ultraviolet Filters", Shade 2C-1.2.



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Leadership in PROTECTION.™

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STANDARDS INFORMATION

EN166 - BASIC STANDARD SPECIFICATIONS

| Property | Details | Frame Marked | Lens Marked | What it means in practice |
|----------|---------|--------------|-------------|--|
| Optical | Class 1 | ◐ | 1 | Suitable for continuous use (all UCI eyewear is Class 1) |
| | Class 2 | ◑ | 2 | Suitable for intermittent use |
| | Class 3 | ◒ | 3 | Suitable for occasional use, but must NOT be worn continuously |

FRAME MARKING

| Property | Details | Frame Marked | Lens Marked | What it means in practice |
|------------|----------------------|--------------|-------------|--|
| Mechanical | Low Energy Impact | F | F | Will resist a 6 mm, 0.86 g ball travelling at 45 m/s. This is usually the maximum for safety glasses having side arms. |
| | Medium Energy Impact | B | B | Will resist a 6 mm, 0.86 g ball travelling at 120 m/s. This is usually the maximum for safety goggles and Industrial visors |
| | High Energy Impact | A | A | Will resist a 6 mm, 0.86 g ball travelling at 190 m/s. This is usually the maximum for specialist safety visors (polycarbonate). |

LENS MARKING

| Scale Number (Filters Only) | Makers Mark | Optical Class | Mechanical Strength | Fields of Use | Scratch Resistant | Fog Resistant | Radiant Heat |
|-----------------------------|-------------|---------------|---------------------|---------------|-------------------|---------------|--------------|
| 5 - 1.1 | UCI | 1 | B | 3 | K | N | T |

FURTHER INFORMATION

STORAGE / TRANSPORT: This product should be stored at a temperature 0-35C and 30-70% RH and kept away from solvents, or solvent vapors or any corrosive materials, as these may seriously reduce the impact protection provided by the spectacle. During transportation, ensure the product is well packaged to prevent damage. **NOTE:** Eye protection is only effective if correctly selected, fitted and worn for the complete period of exposure to hazards - Read ALL instructions and warnings carefully before use and consult a professional. Inspect and replace at regular intervals.

CLEANING: This product can be cleaned with soap and warm water or, if required, disinfected with a UV lamp or cleaned with a common domestic disinfectant. The lenses are coated to provide a certain level of scratch resistance, however, they are not scratch proof and it is recommended that wiping of the lens is to be kept to a minimum and only done so with a soft non-abrasive cloth. **WARNING:** This product offers no protection against IR radiation. This product offers adequate protection against UV sun radiation but should not be used against hazardous levels.

For more information about this product, or to access the Declaration of Conformity or Product Certification, visit;
<https://www.ultimateindustrial.co.uk/eyewear/kara-std/>

If appropriate to the product, EC/EU Declaration of Conformities, relevant certification and supporting documentation are available to access through your distributor, at the above web address(s) or by contacting UCI customer services quoting the product reference code. This document and any other statement provided herein by or on behalf of UCI are given for informational purposes and do not constitute a contractual agreement nor warranty of merchantability. UCI assumes no responsibility for the suitability or adequacy of an end user's selection of product for a specific purpose. The manufacturer reserves the right to make any modifications it deems necessary. All product and company names are trademarks™ or registered® trademarks of their respective holders. © UCI Limited, 2024



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