



Ultimate  
Industrial

EYEWEAR PROTECTION RANGE



# TECHNICAL PRODUCT DATASHEET

SAFETY GLASSES



UPDATED: 03/2020 ISSUE: 1

## SOLOMON™

### Solomon™ Safety Glasses.

Hard coated lenses. Class 1 optical for all day use. Fully adjustable side arms for a comfortable fit. Supplied with a free neck cord (UCI-CORDBK). 4 Anti-fog lens options available including Shade 5 Green Welding lens (EN169 - 5).



#### TECHNICAL INFORMATION

REF CODE	LENS	ANTI-FOG	EN 166	EN 170	EN 172
SOLOMON -CL	CLEAR	✓	1F	✗	✗
SOLOMON -YE	YELLOW	✓	1F	2C-1.2	✗
SOLOMON -SM	SMOKE	✓	1F	✗	5-3.1

#### LENS TYPES AVAILABLE



#### TECHNICAL INFORMATION

ORDER REF #	EY/UC/GL/SOLOMON/colour
LENS AVAILABLE	Clear, Yellow, Smoke,
PACKING	PER BOX: 12      PER CASE: 300
SIZES AVAILABLE	ONE SIZE
EU TYPE CERTIFICATION BY	CERTOTTICA Scarl, Zona Industriale Villanova, 32013 Longarone (BL) Italy (Notified Body No. <b>0530</b> )

#### CERTIFICATION AND STANDARDS (SEE OVERLEAF FOR FURTHER DETAILS)

##### EN166:2001

**EN 166 1 FT** Suitable for continuous use (Class 1 optical)  
Low energy impact at -5°C to +55°C (resists a 6 mm, 0.86g ball bearing at 45 m/s) (Maximum protection level available for glasses with sidearms)

##### Additional Standards:

**SMOKE LENS ONLY:** EN 172:1994 "Solar protection filters for industrial use", Shade 5-3.1

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



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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/product/720-Solomon-CL>

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, 2018



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