



HS19 UV GOGGLES January 2008

UV Goggles

1. IDENTIFICATION OF SUBSTANCE OR PREPARATION

Product: UV Goggles

Application: Eye & Face Protection

RegaLead Ltd

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2. MANUFACTURING INFORMATION

This eye and face protection satisfies the requirements of the European Directive for Personal Protective Equipment (PPE) 89/686/EEC and has been manufactured in accordance with the requirements of the European Technical Performance Standard EN 166:2001. It carries the European Union compliance Mark CE.

3. SELECTION AND AREAS OF USE

Each eye and face protector is marked in accordance with the table below to identify its fields of use and performance as required under EN 166:2001.

Meaning of Markings

Product Marking

Mechanical Strength (Frame and Ocular)

Increased robustness	12m/s	S
Low energy impact	45m/s	F
Medium energy impact	120m/s	B
High energy impact	190m/s	A

If the ocular/visor and frame/housing/brow guard do not carry identical markings relating to mechanical strength the whole eye protector is classified as the lowest.

If the impact grade is followed by the letter "T" i.e. "FT", the Eye-protector provides protection against High Speed Particles at Extremes of Temperature (-5°C / +55°C).

If the impact grade is NOT followed by the letter "T", then the Eye-protector shall be only used at room temperature for protection against impact.

Optical Performance (Ocular Only)

Optical class 1	1
Optical class 2	2
Optical class 3 (not suitable for long periods of use)	3

Optical Requirements

Ocular resistant to damage by fine particles	K
Ocular resistant to fogging	N
Ocular with enhanced reflectance	R
Original Ocular	O
Replacement Ocular	Δ

For laminated glass ocular, the fitting direction is marked on the back side.

Field(s) of Use (Frame and Ocular)

Liquids droplets (goggle only)	3
Liquids splashes (face-shields only)	3
Large Dust Particles (goggle only)	4
Gas & Dust Particles (goggle only)	5
Short Circuit Electrical Arc (face-shields only)	8
Molten Metal & Hot Solids (goggle or face-shield).	9

Both lens and housing/brow-guard must carry the "9" in addition of impact grades "F" or "B" or "A".

Designation of Filters (Lens only)

	Filter ID	Shade
Welding filter	-	1.2 to 16
Ultraviolet filters (color recognition may be affected)	2	1.2 to 5
Infrared filter	4	1.2 to 10
Sun glare filter (without infrared specifications)	5	1.1 to 4.1
Sun glare filter (with infrared specifications)	6	1.1 to 4.1

For additional information, please refer to EN 169, EN 170, EN 171 and EN 172.

For welding operation, use only ocular marked with welding shade 1.2 to 16.

Ensure replacement filter lenses are of equal specification to those being replaced. Toughened mineral filter shall only be used in conjunction with a suitable backing ocular. Spectacles only provide limited levels of protection.

Information Sources

HSE website www.hse.gov.uk

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REVISION DATE 25/01/2008

Eye Protection Size

Eye-protector designed to fit a small head.
Frame marking includes the letter "H".

7. STORAGE, USE AND MAINTENANCE

Each eye protector should be stored after use in a clean dedicated environment away from excessive heat and moisture.

Storage temperature = 0°C - 40°C
Relative humidity = 30% - 80%

Ensure before use that the eye-protector is undamaged. Scratched or damaged oculars should be replaced ensuring that instructions for fitting, which accompany replacement parts, are adhered to.

Please be aware that eye-protectors against High Speed Particles worn over standard ophthalmic spectacles may transit impact, thus creating a hazard to the wearer.

Cleaning and Disinfection

Each eye-protector should be cleaned using a mild detergent or a suitable lens cleaner. The eye-protector may be sterilised using a mild solution of disinfectant.

DO NOT use solvent for the cleaning of the eye-protector.

Please be aware that some materials which come into contact with the skin may cause allergic reactions to susceptible individuals.

Ageing and Obsolescence

This product is manufactured from stabilized plastic materials which should not unduly age over the expected life of the product.

Ageing of plastics can occur under strong UV light conditions.

In any event oculars or visors should be replaced after a maximum 2 years service. Frames, housing and brow guards after 3 years service.