

# FACE & EYE PROTECTION



**162**  
SAFETY SPECTACLES

**166**  
SAFETY GOGGLES

**167**  
SAFETY VISORS

**168**  
ACCESSORIES

Keeping our face and eyes protected in challenging working conditions requires enhanced protection products. We have collaborated with manufacturers and suppliers globally, to source the best possible high-specification catalogue of face and eye safety wear. The following provides a full breakdown of our product compliance against all required legislation for your industry.

## REGULATIONS FOR PROTECTIVE EYEWEAR

All protective eyewear in the UK must conform to the European standard EN 166:2002, which has several differing levels of impact resistance, indicated by symbols. EN 166 is the specification for personal eye protection, which applies to all types of eye protection used against various hazards - as encountered in industry, laboratories, educational establishments, DIY activities, etc, which are likely to damage the eye or impair vision. This does not cover nuclear radiation, x-rays, laser beams and low temperature infrared (IR) radiation emitted low radiation sources.

Standard EN170 relates to ultraviolet filters - transmittance requirements and recommended utilisation.

EN172 specifies the scale numbers, transmittance requirements for sun-glare filters for industrial use, including recognition of signal lights.

## EN RATINGS

STANDARD	SPECIFICATION
EN 166:2002	Specifies functional requirements for various types of personal eye-protectors and incorporates general considerations such as designation, classification, basic requirements applicable to all eye-protectors, various optional and particular requirements, allocation of requirements, testing and application, marking and information for users.
EN 169:2002	Filters for welding and related techniques.
EN 170:2002	Ultraviolet filters.
EN 172:1995	Specification for sun-glare filters used in personal eye-protectors for industrial use

## LENS MARKINGS

SYMBOL	PROPERTY
S	Increased robustness (toughened glass and thickened CR39)
F	Low energy impact (Polycarbonate and Trivex)
B	Medium Energy Impact
A	High Energy Impact
9	Non-adherence of molten metal and resistance to penetration of hot solids
K	Resistance to damage by fine particles
N	Non-fogging properties