

# RILEY

# RETNA™

The single wide-vision lens featured in RETNA™ provides the wearer with an exceptional field of vision. Lateral protection and a unique, flexible side arm provide unrivalled levels of comfort and grip.



TempFLEX™



ULTRA  
LIGHTWEIGHT

## KEY FEATURES

- + Single wide vision lens gives exceptional field of vision
- + Lateral protection
- + Uniquely flexible side arms
- + Universal polycarbonate nose bridge
- + Supplied with a microfibre storage pouch

LENS	REF.	LENS MARKING	FRAME MARKING	PROTECTION AGAINST	COATINGS
CLEAR	○ RLY00091	2C-1.2 R 1FTKN CE	R EN 166 FT 4 CE	Impacts, UV Radiations	TECTON 400 K&N Anti-Scratch & Anti-fog / UV400 / Moisture Repellent
AMBER	● RLY00093	2C-1.2 R 1FTKN CE		Impacts, UV Radiations	
GREY	● RLY00092	5-2.5 R 1FTKN CE		Impacts, UV & Solar Radiations	
BLUE	● RLY00095	5-1.7 R 1FTKN CE		Impacts, UV Radiations	
INDOOR / OUTDOOR	● RLY00094	5-1.7 R 1FT CE		Impacts, UV Radiations	

## GENERAL SPECIFICATION

LENS BASE	9mm
WEIGHT	21g

## PACKAGING

Individually contained in a polythene bag with a Euroslot

PER BOX	10
PER CARTON	200

## COMPONENT SPECIFICATION

COMPONENT	MATERIAL	FEATURES
LENS	Polycarbonate	One piece moulded lens with side protection
NOSE BRIDGE	Moulded polycarbonate	One piece moulded universal
TEMPLE	TR90 Thermoplastic	Hard-wearing
HINGE	TR90 Thermoplastic/Metal	Increased flexibility and strength

## LENS & FRAME MARKINGS


### LENS MARKINGS

#### LENS FILTER TYPE:

2, 2C UV | 4 IR filter | 5, 6 Solar filter | 1.7 to 7 Welding filter if no shade number

#### SCALE NUMBER (SHADE):

1.2 Clear or Amber | 1.4 Blue or I/O Waterproof  
1.7 Minimises or I/O | 2.5 Grey or Revo | 3.1 Dark Grey or Mirror

 Identity of manufacturer

#### OPTICAL CLASS:

1 High optical quality

#### MECHANICAL STRENGTH:


S Increased strength  
F Low energy impact, resists a 6mm, 0.86g ball at 45m/s  
B Medium energy impact, resists a 6mm, 0.86g ball at 120m/s  
A High energy impact, resists a 6mm, 0.86g ball at 190m/s  
T Protection against high-speed particles at extreme temperatures

#### PERFORMANCE:

8 Short circuit electric arc  
9 Molten metal splash  
K Resistance to scratches by fine particles  
N Resistance to fogging

 Certification mark

### FRAME MARKINGS

 Identity of manufacturer

**EN 166:** guaranteed minimum resistance of the protective eyewear against everyday risks including dropping the protective eyewear onto the ground, ageing by light exposure, exposure to heat or corrosion etc.

#### MECHANICAL STRENGTH:

S Increased strength  
F Low energy impact, resists a 6mm, 0.86 g ball at 45m/s  
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#### PERFORMANCE

3 Liquid droplets or splashes  
4 Large dust particles > 5 µm  
5 Gases and small dust particles < 5 µm  
8 Short circuit electric arc  
9 Molten metal and hot solids

 Certification marks

### USA (ANSI)

#### LENS:

U6 UV (All lenses) | L1.3 LED | L1.7 Solar (I/O, Twilight)  
L2.5 Solar (Grey) | L3 Solar (Dark Grey) | W4 Infrared lens

#### LENS AND FRAME:

Z87+ High velocity impact, 0.25 inch, 1.04g ball at 150ft/s

### AUS (AS/NZS)

#### LENS MARKINGS:

#### OCULAR CATEGORY:

0 UV | 1 Solar | 2 Solar  
3 Solar | O Outdoor untinted

#### MECHANICAL STRENGTH:

I Medium energy impact, resists a 6mm, 0.86g ball at 45m/s

#### FRAME MARKINGS:

**AS/NZS 1337.1: 2010** guaranteed minimum resistance of the protective eyewear against everyday risks including dropping the protective eyewear onto the ground, ageing by light exposure, exposure to heat or corrosion etc.

### CLEANING AND STORAGE

**CLEANING:** The lenses should be cleaned regularly.

**MAINTENANCE:** Pitted, scratched or damaged lenses must be replaced by replacing the complete product. If the frame is damaged also replace the complete product. After each use it is recommended to keep the spectacles or goggles in a microfibre pouch or rigid case.

**STORAGE:** All products must be stored in a dry and clean environment.

Riley product approval certificates to CE standards will be provided on request. Riley is a registered trademark.

### CERTIFICATION

Product conforms to the requirement of: UK Regulation 2016/425 on PPE, brought into UK Law and amended & Regulation (EU) 2016/425 of the European Parliament and of the Council as Personal Protective Equipment (PPE).

**Type-Examination, (Module B), Certificates issued by: UK** - INSPEC International Ltd. 56 Leslie Hough Way, Salford, Greater Manchester M6 6AJ UK [A.B. No. 0194]. **EU** - INSPEC International B.V. Beechavenue 54, 1119 PW, Schiphol-Rijk, Netherlands [N.B. No. 2849]

**Authorised Representative [EU]:** Globus EMEA Ltd., 51 Dawson Street, Dublin, D02 AN25, Ireland.



Standard Mark  
(SAI Global)

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