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.




CLEAR


AMBER


GREY


AMBER


INDOOR / OUTDOOR

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 1FTKN CE	EN 166 FT UKCA CE	Impacts, UV Radiations	TECTON 400 K&N Anti-Scratch & Anti-fog / UV400 / Moisture Repellent
AMBER	RLY00093	2C-1.2 1FTKN CE		Impacts, UV Radiations	
GREY	RLY00092	5-2.5 1FTKN CE		Impacts, UV & Solar Radiations	
BLUE	RLY00095	5-1.7 1FTKN CE		Impacts, UV Radiations	
INDOOR / OUTDOOR	RLY00094	5-1.7 1FT CE		Impacts, UV Radiations	ARIDA 400 Anti-scratch + Anti-fog / UV400 / Moisture repellent

RILEY

RETNA™

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

CE 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

UKCA CE 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

Certified Product™ Australian Standard — Standard Mark (SAI Global)

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**]

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