RILEY

REON™

The REON™ face shield provides the wear with ‘Class A’ face protection. High energy impact resistance to EN 166 ‘Level A’ means that the face shield protects against impacts up to 190m/s (425mph). REON is also top of the class for comfort and vision clarity.







CLEAR



SHADE 3



SHADE 5

HIGH IMPACT ENERGY RESISTANCE

KEY FEATURES

- Fitted chinguard
- Ratchet adjustment allows for a secure fit to a range of head sizes
- Padded headband for a comfortable fit
- Adjustable pivot for wearer to select optimum angle
- Fitted chinguard
- Simple, cost-efficient visor replacement system
- Polycarbonate visor includes anti-fog coating
- Polycarbonate visor has Level A impact resistance – the highest attainable level under EN 166
- Frameless design for a wide, unrestricted field of vision
- Protects against splashes of molten metal
- Welding visor include IR protection

VERSIONS	REF.	LENS MARKING	FRAME MARKING	PROTECTION AGAINST	COATINGS
POLYCARBONATE & CHINGUARD	RLY00351	2C-1.2 1AT 9 CE	NA	Impacts, UV radiations, molten metal splash	Anti-fog
BROWGUARD	RLY00352	NA	EN 166 39AT		NA
ACETATE VISOR & CHINGUARD	RLY00355	2C-1.2 1 FT 3 CE	NA	Impacts, UV radiations, fog	Anti-fog
WELDING SHADE 3 WELDING VISOR & CHIN GUARD	RLY00353	3.1 B 9 CE	NA	Impacts, UV radiations, molten metal splash, IR, EN 169	Anti-scratch
WELDING SHADE 5 WELDING VISOR & CHINGUARD	RLY00354	5.1 B 9 CE I 3	NA		

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GENERAL SPECIFICATION

LENS BASE	NA
WEIGHT	360g

PACKAGING

Individually contained in a polythene bag

BROWGUARD	20
POLYCARBONATE VISOR & CHINGUARD	20
ACETATE VISOR	10
WELDING SHADE 3 WELDING VISOR AND CHINGUARD	20
WELDING SHADE 3 WELDING VISOR AND CHINGUARD	20

COMPONENT SPECIFICATION

COMPONENT	MATERIAL	FEATURES
LENS	Polycarbonate	Wide vision, high impact
	Acetate	Increased chemical resistance
HEADBAND	Nylon	Lightweight & positive ratchet fitting
HINGE	Metal	Increased 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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A High energy impact, resists a 6mm, 0.86 ball at 190m/s
T Protection against high-speed particles at extreme temperatures

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

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).
Clear, Shade 3 Polycarbonate & Clear Acetate - Type-Examination, (Module B), Certificates issued by: UK - CCQS UK LTD. 25 Wilton Road, Pimlico, London, UK, SW1V 1LW [A.B. No. **1105**]. **EU -** CCQS Certification Services Limited., Block 1 Blanchardstown Corporate Park, Ballycoolin Road, Blanchardstown, Dublin 15 D15 AKK1, Ireland [N.B. No. **2834**]
Clear & Shade 5 Polycarbonate - Type-Examination, (Module B), Certificates issued by: UK - CCQS UK LTD. 25 Wilton Road, Pimlico, London, UK, SW1V 1LW [A.B. No. **1105**]. **EU -** CERTOTTICA SCARL., Zona Industriale Villanova, 32013 - Longarone (BL) Italy [N.B. No. **0530**]
Authorised Representative [EU]: Globus EMEA Ltd., 51 Dawson Street, Dublin, D02 AN25, Ireland.

www.riley-eyewear.com

E: info@riley-eyewear.com
T: +44 (0)161 877 4747
F: +44 (0)161 877 4746

Globus (Shetland) Ltd, T2 Trafford Point, Twining Road, Trafford Park, Manchester, M17 1SH, UK

Part of Globus GROUP

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