

The R105 is a contemporary style safety frame with slim, metal construction finished in brushed brown with transparent side shields. Available in two sizes (Standard and large). Certified to EN166 with a prescription strength up to a combined maximum of +/- 8.00.



## KEY FEATURES

- + Metal Frame
- + Adjustable nose bridge
- + Transparent side shields

	Power Range	Lens Options	Additional Coatings
PRESCRIPTION OPTIONS	+/- 8.00	Single Vision	HC
		Bifocal	AR
		Varifocal	Transition

Size	Lens (eyesize)	Nose piece	Temple Length
Standard	55mm	17mm	140mm
large	60mm	18mm	145mm

FRAME COLOUR	REF.	TIP COLOUR	LENS	LENS MARKING	FRAME MARKING	PROTECTION AGAINST
BRUSHED BROWN STANDARD	RLYRX0005	BLACK	CLEAR	VL 1F CE	R EN 166 FT	Impacts, UV radiations
BRUSHED BROWN LARGE	RLYRX0010					

## GENERAL SPECIFICATION

LENS BASE	4mm
WEIGHT	NA

## COMPONENT SPECIFICATION

COMPONENT	MATERIAL	FEATURES
FRAME	Metal	Increased strength
NOSE BRIDGE	Thermoplastic Elastomers (TPE)	Comfortable, flexible anti-slip pattern
TEMPLE	TR90 Thermoplastic/ Thermoplastic Elastomers (TPE)	Co-injected - Robust, flexible, lightweight and ventilated
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:

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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 - 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]

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



Standard Mark  
(SAI Global)

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