

# RILEY

# NAVIGATOR X™

Pushing the boundaries on style and innovation, the NEW Navigator X offers a protective eyewear solution without compromise. Featuring the iconic wayfarer design, high quality materials and specialist lens options, the Navigator X is the next level for style & safety.



HD LENS



GREY



EMERALD REVO



POLARISED



LED



ARCTIC BLUE REVO



CLEAR



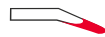
WAYFARER  
STYLE



COMFYTEC™



ULTRA  
LIGHTWEIGHT



















SOFT  
TEMPLE TIPS



BIOBASED  
MATERIALS

## KEY FEATURES

- + Market first HD lens dramatically improves clarity and contrast, heightens colours whilst relaxing the eye
- + Made using ethically sourced Bio-Based materials - 70% lower carbon footprint
- + Premium UV400 FLOWTEC™ Anti-Fog and Anti-Scratch lenses (including polarised and mirrored)
- + Soft rubberised side arm tips and nose piece remove the discomfort to pressure points on the head and face
- + Transparent frame & side shield for increased peripheral visibility
- + Fixed Side Shield – reduces risk to side impacts
- + Tested to the highest standards, full protection without compromise on style or comfort. (Meets EN166, AS/NZS, ANSI Z87.1 standards).
- + Also available in prescription

LENS		REF.	LENS MARKING	FRAME MARKING	PROTECTION AGAINST	COATINGS
GREY		RLYSM00600	5-3.1  Z87+ U6 L3 X I3	EN 166 FT  Z87+ / AS/NZS 1337.1 Lic. SMK41067	Impacts, UV and Solar radiations	 Anti-scratch and Anti-fog / UV400 / Moisture repellent
LED		RLYSM00601	2C-1.4  Z87+ U6 L1.3 / I1		Impacts, UV radiations	
POLARISED		RLYSM00602	5-3.1  Z87+ U6 S L3/ I3		Impacts, UV and Solar radiations	
HD LENS		RLYSM00603	2-2  Z87+ U6 S I			
ARCTIC BLUE REVO		RLYSM00604	5-3.1  Z87+ + U6 S			
EMERALD REVO		RLYSM00605	5-3.1  Z87+ U6 L3 I3			
CLEAR		RLYSM00606	2C-1.2  Z87+ U6 / IO 0		Impacts, UV radiations	

**NXG**  
NEXT GENERATION GLOVES

**RILEY**

**MEC DEX**  
HI DEXTERITY MECHANICS GLOVES



**SafetyMate**

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## GENERAL SPECIFICATION

LENS BASE	6mm
WEIGHT	28g

## PACKAGING

Individually contained in a polythene bag with a Euroslot

PER BOX	5
PER CARTON	50

## COMPONENT SPECIFICATION

COMPONENT	MATERIAL	FEATURES
LENS	Polycarbonate	One piece moulded lens with side protection
NOSE BRIDGE	Thermoplastic Elastomers (TPE)	Co injected, soft browguard protection
TEMPLE	TR90 Thermoplastic / Thermoplastic Elastomers (TPE)	Comfortable and flexible
HINGE	Metal	Co-injected - Robust, flexible, lightweight and ventilated

## 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, 0.86g ball at 45m/s  
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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

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

**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.



Standard Mark  
(SAI Global)

# BLUE LIGHT

Many workplaces have embraced modern lighting technology adopting LED lighting. This change saves companies millions of pounds in energy costs. There are costs elsewhere, artificial LED lights emit blue light and have an impact on workers' eye health. LED light can cause eyes, eye strain, fatigue, & potentially other more serious issues

Riley have developed a new LED lens designed specifically to filter up to 44% of blue light. The LED lens shade works to improve employee well-being at no extra cost to our equivalent clear lenses

## SOURCES OF BLUE LIGHT



Led Lights Implemented in Buildings, Warehouses etc



Mobile Devices such as Tablets, Phones & Interactive Screens.



Laptop, Computer & TV displays

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