



# TECHNICAL PRODUCT DATASHEET





UPDATED: 03/2020 ISSUE: 1

# TIRAN™ YELLOW

### Tiran™ Safety Glasses.

Ultra lightweight wraparound styled safety spectacle with a soft TPR nose bridge. Pivotable and flexible sidearms allow for a secure, comfortable and interchangeable fit. Anti-fog and a hard, anti scratch coating create a perfect and stylish all-round safety spectacle. Individually packed in polybag with UI and free neck cord for improved usability.







| TECHNICAL INFORMATION |       |          |        |        |        |
|-----------------------|-------|----------|--------|--------|--------|
|                       |       |          |        |        |        |
| REF CODE              | LENS  | ANTI-FOG | EN 166 | EN 170 | EN 172 |
| TIRAN-YELLOW-CL       | CLEAR |          | 1FT    | 2C-12  | ×      |
| TIRAN-YELLOW-SM       | SMOKE |          | 1FT    | Ø      | 5-3.1  |
|                       |       |          |        |        |        |



### **TECHNICAL INFORMATION**

| ORDER REF #                 | EY/UC/GL/TIRAN/YE/colour  |               |  |
|-----------------------------|---|---------------|--|
| LENS AVAILABLE              | Clear, Sm oke   |               |  |
| PACKING                     | PER BOX: 12   | PER CASE: 300 |  |
| SIZES AVAILABLE             | ONE SIZE  |               |  |
| EU TYPE<br>CERTIFICATION BY | CERTOTTICA Scarl, Zona Industriale<br>Villanova, 32013 Longarone (BL) Italy<br>(Notified Body No. <b>0530</b> ) |               |  |

# CERTIFICATION AND STANDARDS (SEE OVERLEAF FOR FURTHER DETAILS)

### EN 166:2001

EN 166 1FT Suitable for continuous use (Class 1optical) Low energy impact at -5°C to +55°C (resists a 6 mm, 0.86g ball bearing at 45 m/s) (Maximum protection level available for glasses with sidearms)

### Additional Standards:

 $\textbf{SMOKE LENS ONLY:} \ EN\ 172:1994\ "Solar protection filters for industrial use", Shade\ 5-3.1$ 

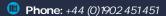
CLEAR LENS ONLY: EN 170:2002 "Ultraviolet Filters", Shade 2C-1.2.











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SAFETY GLASSES



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### STANDARDS INFORMATION

#### **EN166 - BASIC STANDARD SPECIFICATIONS**

| Property | Details | Frame Marked | Lens Marked | What it means in practice                                      |
|----------|---------|--------------|-------------|--|
|          | Class 1 | •            | 1           | Suitable for continuous use<br>(all UCi eyewear is Class 1)    |
| Op tical | Class 2 | •            | 2           | Suitable for intermittent use                                  |
|          | Class 3 | •            | 3           | Suitable for occasional use, but must NOT be worn continuously |

#### FRAME MARKING

| Property   | Details              | Frame Marked | Lens Marked | What it means in practice   |
|------------|----------------------|--------------|-------------|---|
|            | Low Energy Impact    | F            | F           | Will resist a 6 mm, 0.86 g ball travelling at 45 m/s. This is usually the maximum for safety glasses having side arms.            |
| Mechanical | Medium Energy Impact | В            | В           | Will resist a 6 mm, 0.86 g ball travelling at<br>120 m/s. This is usually the maximum for safety<br>goggles and Industrial visors |
|            | High Energy Impact   | Α            | Α           | Will resist a 6 mm, 0.86 g ball travelling at 190 m/s. This is usually the maximum for specialist safety visors (polycarbonate).  |

# LENS MARKING

| Scale Number<br>(Filters Only) | Makers Mark | Optical Class | Mechanical<br>Strength | Fields of Use | Scratch<br>Resistant | Fog<br>Resistant | Radiant Heat |
|--------------------------------|-------------|---------------|------------------------|---------------|----------------------|------------------|--------------|
| 5 - 1.1                        | UCI         | 1             | В                      | 3             | К                    | N                | Т            |

# **FURTHER INFORMATION**

STORAGE / TRANSPORT: This product should be stored at a temperature 0-35C and 30-70% RH and kept away from solvents, or solvent vapors or any corrosive materials, as these may seriously reduce the impact protection provided by the spectacle. During transportation, ensure the product is well packaged to prevent damage. NOTE: Eye protection is only effective if correctly selected, fitted and worn for the complete period of exposure to hazards - Read ALL instructions and warnings carefully before use and consult a professional. Inspect and replace at regular intervals.

**CLEANING:** This product can be cleaned with soap and warm water or, if required, disinfected with a UV lamp or cleaned with a common domestic disinfectant. The lenses are coated to provide a certain level of scratch resistance, however, they are not scratch proof and it is recommended that wiping of the lens is to be kept to a minimum and only done so with a soft non-abrasive cloth. **WARNING:** This product offers no protection against IR radiation. This product offers adequate protection against UV sun radiation but should not be used against hazardous levels.

For more information about this product, or to access the Declaration of Conformity or Product Certification, visit; https://www.ultimateindustrial.co.uk/product/

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