



## Area of use\*



## Technical features

### Safety spectacles.

**Lens:** 100% clear polycarbonate, one-piece.

**Lens thickness:** 2,00 mm.

**Treatment:** antifog and anti-scratch.

**Temples:** 100% polycarbonate, with anti-slip insert (TPE).

Stainless steel screws.

**Weight:** 16 g.

**Colour:** orange.

**Packaging:** carton of 100 pieces.

**Subpackaging:** box of 10 pieces (individual polybag).



## Advantages

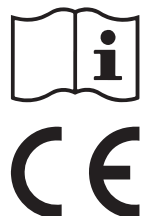
- > **Optimum lightness** (16 g.)
- > **Reinforced strength** thanks to the material (polycarbonate).
- > **Very good holding** thanks to the anti-slip inserts.
- > **Treatment against scratches and fogging** (K and N).
- > **Reduction of pressure points** thanks to the thinness of the frame.
- > **Quality and reliability** of ISO 9001 / ISO 14001 certified production.

**EYES**  
protection

## Certification

This product complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment (PPE). **Category II**.  
Issued by **SGS Fimko Ltd**, notified body n°0598.

**EN 166 : 2001 / EN 170 : 2002**  
**[ 2C-1,2 SINGER® 1 FT KN CE ]**



Download the EU declaration of conformity on <http://docs.singer.fr>

## MARKING OF OCULAR

**B - G SINGER® D E F G C E**

## MARKING OF FRAMES

**SINGER® A F E G C E**



## B FILTER CODE NUMBER

No number	Welding filters
2	Ultraviolet filters (UV)
<b>2C or 3</b>	UV filters (good colour perception)
4	Infrared filters (IR)
5	Sunglare filters without specification in IR
6	Sunglare filters with specification in IR

## C FILTER PROTECTION CLASS

<b>1,1 to 1,2</b>	Indoor use - clear protection
<b>1,4 to 2</b>	Versatile use - slightly tinted protection
<b>2,5 to 3,1</b>	Outdoor use - strongly tinted protection
<b>1,2 to 16</b>	Filters for welding and related techniques

## D OPTICAL CLASS

<b>1</b>	Continuous work (best quality)
<b>2</b>	Intermittent work
<b>3</b>	Occasional work

## E MECHANICAL STRENGTH

No symbol	Minimum robustness
<b>S</b>	Increased robustness
<b>F</b>	Low energy impact
<b>B</b>	Medium energy impact
<b>A</b>	High energy impact

Symbol T is used in conjunction with either F, B or A.  
It indicate that the particules are launched at extremes of temperature.

## F FIELD OF USE

No symbol	Basic use
<b>3</b>	Liquids
<b>4</b>	Large dust particles
<b>5</b>	Gas and fine dust particles
<b>8</b>	Short circuit electric arc
<b>9</b>	Molten metal and hot solids

## G OPTIONAL REQUIREMENTS

<b>N</b>	Anti-fog treatment ***
<b>K</b>	Anti-scratch treatment ***
<b>O</b>	Original ocular ***
▽	Replacement ocular ***
<b>R</b>	Enhanced reflectance in IR ***
<b>H</b>	Designed to fit a small head **

(\*) Unapplicable to spectacles - (\*\*\*) Marking of frame only  
- (\*\*\*) Marking of ocular only and if the optional requirements has been tested

## A STANDARDS

<b>EN 165</b>	Personal eye-protection: vocabulary.
<b>EN 166</b>	Personal eye-protection: specifications.
<b>EN 167</b>	Personal eye-protection: optical test methods.
<b>EN 168</b>	Personal eye-protection: non optical test methods.
<b>EN 169</b>	Personal eye-protection: filters for welding and related techniques.
<b>EN 170</b>	Personal eye-protection: ultraviolet filters.
<b>EN 171</b>	Personal eye-protection: infrared filters.
<b>EN 172</b>	Personal eye-protection: sunglare filters for industrial use.
<b>EN 175</b>	Personal eye and face-protection: welding and allied processes.
<b>EN 1731</b>	Personal eye-protection: mesh eye and face protectors.
<b>EN ISO 12312-1</b>	Personal eye and face-protection. «Minor risks». Sunglasses and related eyewear.