



## Area of use\*



## Technical features

### Safety spectacles.

**Lens:** 100% polycarbonate, tinted (smoke), 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 172 : 1994 + A1 2000 + A2 : 2001**  
**[ 5-3,1 SINGER® 1 FT KN C E ]**



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)
2C or 3	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

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

## D OPTICAL CLASS

1	Continuous work (best quality)
2	Intermittent work
3	Occasional work

## E MECHANICAL STRENGTH

No symbol	Minimum robustness
S	Increased robustness
F	Low energy impact
B	Medium energy impact
A	High energy impact

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

## F FIELD OF USE

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

## G OPTIONAL REQUIREMENTS

N	Anti-fog treatment ***
K	Anti-scratch treatment ***
O	Original ocular ***
▽	Replacement ocular ***
R	Enhanced reflectance in IR ***
H	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

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