



Area of use*



Technical features

Spherical visor.

Material: 100% clear polycarbonate.

Dimensions: 400 x 205 mm.

Thickness: 2.00 mm.

Packaging: carton of 10 pieces.

Subpackaging: individual polybag.

TESTED AGAINST THE ELECTRIC ARC



Advantages

- Improved resistance thanks to polycarbonate.
- Optimal face protection thanks to the spherical shape of the visor.
- Fits with many visor holders.
- Tested against the electric arc.

FACE
protection

Certification

This product complies with **European Regulation (EU) 2016/425**
on Personal Protective Equipment (PPE). **Category III.**
Issued by **BSI**, notified body n°2797.

EN 166 : 2001 / EN 170 : 2002
[2-1,2 SINGER 1 BT 3 8 9 C E]



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

MARKING OF OCULAR

B - C 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 indicate that the particules 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 **

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.

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