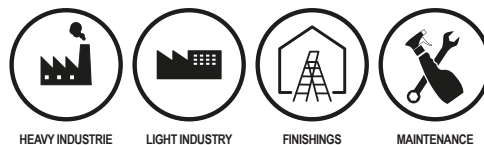




Area of use*



HEAVY INDUSTRIE

LIGHT INDUSTRY

FINISHINGS

MAINTENANCE

Technical features

Safety overspectacles.

Lens: 100% clear polycarbonate, one-piece.

Lens thickness: 1,80 mm.

Treatment: antifog and anti-scratch.

Temples: 100% polycarbonate, pivoting.

Sideshields. Stainless steel screws.

Colour: transparent and black.

Packaging: carton of 100 pieces.

Subpackaging: box of 10 pieces (individual polybag).

Weight: 31 g.



Advantages

Can be worn over prescription glasses.

Reinforced strenght thanks to the material (polycarbonate).

Improved protection thanks to the side shells.

Treatment against scratches and fogging.

Quality and reliability of ISO 9001 / ISO 14001 / ISO 45001 certified production.

Packaging in an individual perforated bag for sale in professional stores.

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 ISO 16321-1: 2021

SINGER® UL1,2 CT 1 KN CE

MARKING OF OCULAR

16321 SINGER® CT 1-M CE

MARKING OF FRAMES



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

MARKING OF OCULAR

SINGER  **B C D E CE**

MARKING OF FRAMES

A SINGER  **C D E F CE**

A STANDARDS*

EN ISO 16321-1	Eye and face protection for professional use. Part 1: general requirements
EN ISO 16321-2	Eye and face protection for professional use. Part 2: additional requirements (welding and related techniques)
EN ISO 16321-3	Eye and face protection for professional use Part 3: additional requirements (mesh protectors)

B OPTICAL POWER**

Without marking	Optical power improved or not.
1	Improved and claimed optical power.

C FILTER TYPE + SCALE NUMBER

U	UV protection filter.	Scale from 1.2 to 5. (1,2/1,4/1,7/2/2,5/3/4/5). U 1.2 = Low radiation / wavelength < 313 nm. U 5 = Strong radiation in the visible and UV range.																																
G	Sun protection filter.	Scale from 0 to 4. (0/1/2/3/4). G 0 = No brightness / indoor use. G 4 = Extreme brightness / use in mountains & sea.																																
R	IR protection filter.	Scale from 1.2 to 10. (1,2/1,4/1,7/2/2,5/3/4/5/6/7/8/9/10). R 1.2 = Source of average temperatures up to 1050°C. R 10 = Source of average temperatures up to 2220°C.																																
W	Welding filter.	Scale from 1.2 to 16. (1,2/1,4/1,7/2/2,5/3/4/5/6/7/8/9/10/11/12/13/14/15/16). <table border="1"> <thead> <tr> <th></th> <th>TIG</th> <th>MAG</th> <th>MIG</th> </tr> </thead> <tbody> <tr> <td>W 8</td> <td>10 – 30 A</td> <td>1,5 – 70 A</td> <td>/</td> </tr> <tr> <td>W 9</td> <td>30 – 70 A</td> <td>70 – 100 A</td> <td>70 – 125 A</td> </tr> <tr> <td>W 10</td> <td>70 – 125 A</td> <td>100 – 150 A</td> <td>125 – 175 A</td> </tr> <tr> <td>W 11</td> <td>125 – 200 A</td> <td>150 – 200 A</td> <td>175 – 225 A</td> </tr> <tr> <td>W 12</td> <td>200 – 300 A</td> <td>200 – 300 A</td> <td>225 – 300 A</td> </tr> <tr> <td>W 13</td> <td>300 – 350 A</td> <td>300 – 450 A</td> <td>300 – 400 A</td> </tr> <tr> <td>W 14</td> <td>/</td> <td>450 – 650 A</td> <td>400 – 500 A</td> </tr> </tbody> </table>		TIG	MAG	MIG	W 8	10 – 30 A	1,5 – 70 A	/	W 9	30 – 70 A	70 – 100 A	70 – 125 A	W 10	70 – 125 A	100 – 150 A	125 – 175 A	W 11	125 – 200 A	150 – 200 A	175 – 225 A	W 12	200 – 300 A	200 – 300 A	225 – 300 A	W 13	300 – 350 A	300 – 450 A	300 – 400 A	W 14	/	450 – 650 A	400 – 500 A
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W 12	200 – 300 A	200 – 300 A	225 – 300 A																															
W 13	300 – 350 A	300 – 450 A	300 – 400 A																															
W 14	/	450 – 650 A	400 – 500 A																															

The symbol L** can be used jointly (either UL, GL or RL).
It indicates the possibility of detecting traffic lights.

D MECHANICAL RESISTANCE

Without symbol	Minimum level of mechanical resistance.
C	Resistance to particles launched at 45 m/s.
D	Resistance to particles launched at 80 m/s.
E	Resistance to particles launched at 120 m/s.
HM	Resistance to high mass impacts.
The symbol T can be used jointly (either CT, DT, ET or HMT). It indicates that the particles are launched at extreme temperatures during the test.	

E USAGE ENVIRONMENT

Without symbol	General use.
K**	Anti-scratch. (Deterioration of surfaces by fine particles)
N**	Fog resistance.
3*	Droplets.
6*	Liquid splashes.
4*	Large dust particles.
5*	Gases and fine dust particles.
CH	Chemical resistance.
9	Molten metal and hot solids.
7	Radiant heat.

F HEAD SIZE*

1-S	Small sizes.
2-S	
1-M	Medium sizes.
2-M	
1-L	Large sizes.
2-L	

(*) Marking of frame only. (***) Marking of ocular only.