

Area of use*



Technical features

Safety spectacles

Lens: 100% polycarbonate, tinted (smoke), one-piece.

Lens thickness: 2,10 mm.

Treatment: antifog and anti-scratch.

Frame: 100% polycarbonate.

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

Stainless steel screws.

Nose pad: 100% TPR.

Colour: black and grey.

Packaging: carton of 100 pieces.

Subpackaging: box of 10 pieces (individual polybag).

Weight: 27 g.



Advantages

Suitable for outdoor work thanks to the tinted lenses.

Reinforced strenght thanks to the material (polycarbonate).

Very good holding thanks to the anti-slip inserts.

Treatment against scratches and fogging.

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

Hang tag included for sales 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® GL3 CT 1 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).

	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

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.