EVASAFE

Area of use*

CHEMICAL INDUSTRY | FOOD PROCESSING | HEAVY INDUSTRIE | LIGHT INDUSTRY | AGRICULTURE

Technical features

Metal free safety goggles.
Inner lens: 100% clear acetate, one-piece.
Outer lens: 100% clear polycarbonate, one-piece.
Lens thickness: 0,50 + 2,30 mm.
Treatment: UV protection,
antifog (N) and anti-scratch (K).
Frame: 100% HTPR with soft waterproof seal.
Unvented.
Elastic band: 100% neoprene, adjustable.
Colour: black.
Packaging: carton of 72 pieces.
Subpackaging: box of 6 pieces (individual polybag).
Weight: 143 g.

Advantages

Metal free safety goggles.
Can be worn over prescription glasses.
Treatment against scratches (K) and fogging (N).
Protection against splashes thanks to the waterproof seal.
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 UL1,2 DT EVASAFE 1 K N CE
MARKING OF OCULAR

16321 SINGER U1,2 DT 1-M EVASAFE 3 4 5 CE
MARKING OF FRAMES

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

(*) Example of use given as a guide only. The end user must check whether the product is suitable or not for the intended use.
Before any use, read carefully the instructions enclosed with the product. Exclusive sale to professionals. **Edition CL 07/05/2024 - © Singer® Safety.**

SINGER safety

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.