LUNHIMA







COMPATIBLE WITH HIMA / HIMA2

Area of use*



Technical features

Helmet goggles.
Lens: 100% clear polycarbonate, one-piece.
Packaging: carton of 50 pieces.
Subpackaging: individual polybag.

Advantages

> **Compatible with HIMA/HIMA2 helmets.**
> **Quick and easy installation** (installs without tools).
> **Can be slid over the helmet** (various possible positions).
> **Better visibility** thanks to the one-piece lens.
> **Can be worn over prescription glasses.**

EYES protection

Certification

This product (+HIMA/HIMA2) complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment (**PPE**). **Category II.**
Issued by **Alienor Certification**, notified body n°**2754**.

CE

EN 166 : 2001 (FT optical class 1)

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. **Edition CL 12/07/2022 - © Singer® Safety.**

SINGER safety

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: ultraviolets 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.

MARKING OF OCULAR



A	Filter code number
B	Filter protection class
C	Identification of the manufacturer
D	Optical class
E	Mechanical strength
F	Field of use
G	Optional requirements
H	European conformity

MARKING OF FRAMES



A	Identification of the manufacturer
B	Standard number
C	Field of use*
D	Mechanical strength
E	Optional requirements (only H)
F	European conformity

FILTER CODE NUMBER

No number	Welding filters
2	Ultraviolets 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

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

OPTICAL CLASS

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

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.	

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

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