

G-032A-C Eye Protector

These eye-protectors are designed to ensure protection against hazards arising from medium-energy impacts, mechanical hazards, ultraviolet, visible infrared, solar radiation and molten metal. It also protects from liquids, fine and large dust particle, gas and hot solid.

● **Marking Field**

All information required to be provided as per the European norms is stated on lens and frame.

● **Headband**

Adjustable headband for comfortable use.



● **Optical Lens**

Optical grade polycarbonate lens with high optical vision and resistance to impact for long service life.

● **Nose Bridge**

Silicone nose bridge provides comfort for long term use.



● Technical Specifications

Lens Color	Transparent
Frame Color	Transparent
Headband	Available
Weight	97gr.
Carton Content	120 Pieces
Packaging	1 Piece
Category	CAT II
Standards	EN 166 EN 170

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SPECIFICATIONS



ANTIFOG LENS

Thanks to its anti-fog feature, lenses do not steam and provide comfortable use.

STANDARDS

These eye-protectors are designed to protect eyes against the hazards described in the PPE Regulation EU 2016/425. This product has passed EN 166 (Personal Eye Protection-Specifications) and EN 170 (Personal Eye Protection - Ultraviolet Filters) tests. EN 166 Standard applies to all types of personal eye-protectors used against various hazards, as encountered in industry, laboratories, educational establishments, DIY activities, etc. which are likely to damage the eye or impair vision. EN 170 standard specifies the scale numbers and transmittance requirements for filters for protection against ultraviolet radiation.



Lens Marking : 1 BT 9 CE

Frame Marking : EN 166 3 4 9 BT CE

AREAS OF USE



Construction and Building



Cleaning



Automotive and Transportation



Logistic and Storage



Mine



Wood

These eye-protectors may be used against various hazards, as encountered in industry, laboratories, educational establishments, DIY activities, etc. which are likely to damage the eye or impair vision.

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STANDARD REMARKS

EN 166 PERSONAL EYE PROTECTION - SPECIFICATIONS

This standard specifies functional requirements for various types of personal eye-protectors and incorporates general considerations such as:

- Designation,
- Classification,
- Basic requirements applicable to all eye-protectors,
- Various particular and optional requirements,
- Allocation of requirements, testing and application, – Marking,
- Information for users.

The transmittance requirements for various types of filter oculars are given in separate standards. This standard applies to all types of personal eye-protectors used against various hazards, as encountered in industry, laboratories, educational establishments, “do-it-yourself” (DIY) activities, etc. which are likely to damage the eye or impair vision. Nuclear radiation, X-rays, laser beams and low temperature infrared (IR) radiation emitted by low temperature sources are excluded in this application field.

The requirements of this standard do not apply to eye-protectors for which separate and complete standards exist, such as laser eye-protectors, sunglasses for general use, etc. unless such standards make specific reference to this standard.

EN 170 PERSONAL EYE PROTECTION - REQUIREMENTS

This standard specifies the scale numbers and transmittance requirements for filters for protection against ultraviolet radiation.

EN 166 includes other specifications applicable to this filter type.

NOTE: The protective filters specified in this standard are not suitable for the direct or indirect observation of an electric welding arc. Welding filters suitable for the source being observed should be used for direct or indirect observation purposes.

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SYMBOLS FOR AREAS OF USE

Symbol	Designation	Description of the Area of Use
No Symbol	Basic Application	Unspecified mechanical hazard and hazards arising from ultraviolet, visible, infra-red and solar radiation
3	Liquids	Liquids (droplets or splashes)
4	Large dust particles	Dust with a particle size of $> 5\mu\text{m}$
5	Gas and fine dust particles	Gases, steam, aerosols, smoke and dust with a particle size of $<5\mu\text{m}$
8	Short-circuit electric arc	Electrical arc due to a short-circuit in electrical equipment
9	Melted metals and hot solid	Splashes of melted metals and penetration of hot solid bodies

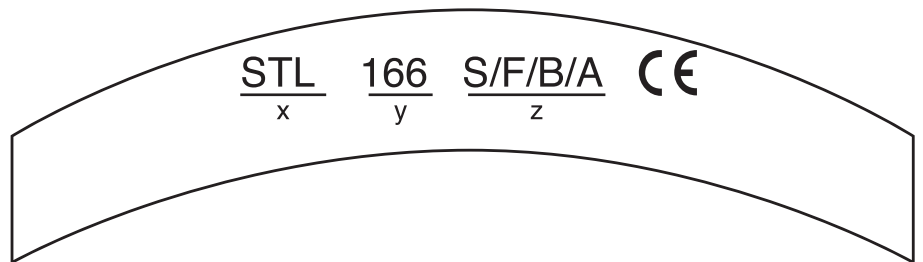
RESISTANCE SYMBOLS AGAINST IMPACTS

Symbol	Mechanical Strength Feature
No Symbol	Minimum robustness
S	Increased robustness (a 22mm ball at a speed of 5,1 m/s)
F	Low-energy impact (a 6 mm diameter ball at a speed of 45 m/s)
B	Medium-energy impact (a 6 mm diameter ball at a speed of 120 m/s)
A	High-energy impact (a 6 mm diameter ball at a speed of 190 m/s)

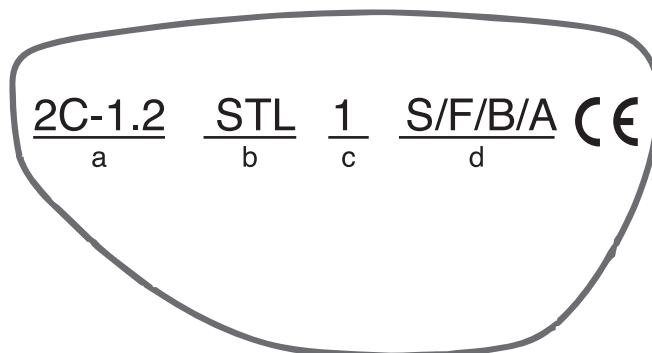
If protection against fast particles in high temperatures, letter T is added to the eye protector product after the symbols of resistance against impact. Such as FT, BT, AT, etc.. Unexpected hazards might occur if people use goggles against high impact particles, with prescription glasses at the same time.

MARKING IN THE LENS AND FRAMES

x Identification of the Manufacturer
y: European Standard Certificate
z: Resistance Symbol Against



a: Scale Number (Filters only)
Ultraviolet filter. Color recognition may be affected.
b: Identification of the Manufacturer
c: Optical Class: 1 (Constant use)
d: Symbol for Resistance to Impacts



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Maintenance and Cleaning

Do not use abrasive materials to keep your goggles in-good condition. Clean with a soft cloth in soapy water and then dry. Goggles should be stored in a clean and dry polyethylene bag away from light wherever not used. Do not put heavy objects on it and protect it from impacts.



Service Life

These safety goggles do not provide indefinite eye protection. Read the instructions of use completely before using goggles for your own safety. Only use protective goggles compliant to European Norms and suitable for working conditions. Service life of the product varies depending on the areas and conditions of use. Eye protectors provide a sufficient protection for approximately 6 months under normal circumstances



Storage

Always store the product in its original packaging and keep it away from heat and solar sources. Scratched and worn-out lenses reduce field of view and protection level, so required to be replaced immediately. Shelf life is 5 years under suitable storage conditions.

Order Information

MODEL	Lens Color	Barcode	Carton Quantity	Dimension	Weight
G-032A-C	Transparent	8698547320754	120	44 x 78 x 63cm	17 kg.