

# Laser safety glasses 200-460nm, 800-2000nm, 10600nm, OD7

Reference: AM4685  
EAN13: -  
HS code: 90132000



## Product attributes:

## Product features:

Optical absorption: OD7  
Light transmittance: 30%

## Product description:

Professional safety glasses designed for safe work with laser devices in the range of **200-460 nm, 800-2000 nm** and **10600 nm**. They provide an optical density of **OD7+** and protect the eyes from visible, UV and IR radiation in laser welding, engraving, medical and laboratory applications. The glasses combine modern design, high durability and comfort even during long-term wear.

## Technical specifications

- **Model:** 3903
- **Optical density:** OD7+
- **Spectral protection range:** 200-460 nm, 800-2000 nm, 10600 nm
- **Lens material:** Polycarbonate with radiation absorber
- **Frame material:** Polycarbonate + silicone
- **Dimensions:** 145 × 125 × 55 mm
- **Weight:** 39g
- **Cover:** Impact, splash and UV resistant
- **Certification:** CE EN166, ANSI Z87.1

## Functions and features

- Comprehensive eye protection against harmful laser radiation across a wide spectrum of wavelengths.
- Anti-fog, anti-scratch coating ensures clear vision even in challenging conditions.
- Integrated silicone temples and flexible temples for a comfortable and stable fit.
- Highly durable hinges with metal screw for long life.
- Design with lanyard hole – possibility of hanging around the neck.
- Visible transmittance 30%, ideal for working in high light intensity environments.

## Ideal for

- Laser welding, engraving and cutting
- Laboratory and research applications
- Industrial operations and service workshops
- Aesthetic and medical procedures (e.g. IPL, dermatology)

## Package contents

- 1× Laser safety glasses model 3903
- 1× Protective case
- 1× Lens cleaning cloth

## Why choose this product?

- They meet strict European safety standards (CE EN166 + ANSI Z87.1).
- The high optical density of OD7+ guarantees reliable protection when working with powerful lasers.
- A combination of durability, comfort and modern design.
- Lightweight and ergonomic design suitable for everyday professional use.
- Certified eye protection for industry, laboratories and healthcare environments.

## Why use safety glasses?

Laser radiation can cause permanent damage to your eyes even after short-term exposure. These high optical density (OD) glasses effectively block dangerous wavelengths and protect your eyes from both direct and reflected radiation. The clear lenses ensure comfort and good vision even during extended work.

## What should you watch out for?

Always check before use that the wavelength of your laser falls within the protective range of these glasses. When working with powerful lasers, we recommend combining it with other safety measures.

