

Do not compromise between safety and vision.

ZEISS Safety Eyewear with individual correction.



ZEISS Safety Eyewear



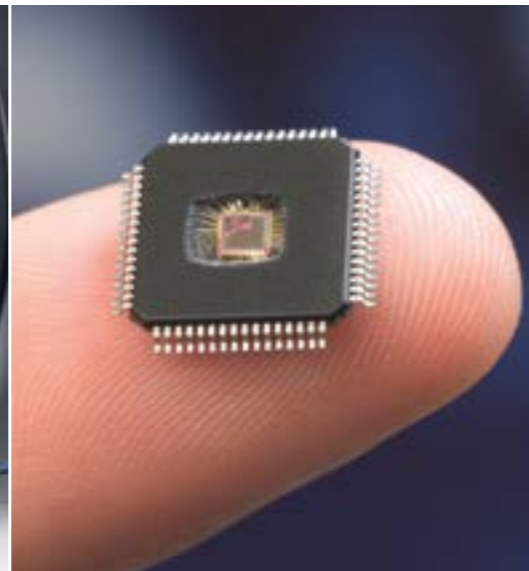
www.zeiss.com/vision

Seeing beyond

ZEISS - expert in more than just spectacle lenses

Camera lenses, planetariums, microscopes, medical equipment, binoculars. ZEISS makes more than just eyewear. More than 11% of our employees work in research and development and all profits are reinvested in our operations. This is possible because we are a foundation and not a joint stock company.

Our unique knowledge in several areas of optics is incorporated into each ZEISS lens, which results in accurate vision tests and perfect lens fittings. We provide comprehensive eye health solutions and excellent safety.



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Almost 40 years in the business

ZEISS Nordic has supplied certified Safety Eyewear to Nordic companies since 1980. Safety Eyewear is a natural part of our portfolio. We know that certified, comfortable and functional Safety Eyewear for the workplace help employers provide a safe and pleasant work environment.

Our Safety Eyewear is sold through our retailers, the opticians.

Personalized Safety Eyewear when – and before – they are needed

It is important to identify workplace risks and ensure that employees use appropriate Safety Eyewear whenever necessary. Without Safety Eyewear the risk of injuries increases dramatically.

We know that Safety Eyewear is appreciated when it is used. Therefore, our Safety Eyewear is developed to be used for prevention as well as for protection and helpfulness when the need arises.

The lenses are manufactured according to the latest technology. Each frame has a comfortable fit that suits the user's face; ZEISS Safety Eyewear can be used for several hours without feeling heavy or uncomfortable. The wearer should preferably not feel the glasses at all. The frames are strong, durable and, there is a good variety of different frame models to choose between.

An investment for everyone

Most people experience vision impairment sooner or later, especially at close distance, as a natural consequence of the lens becoming less elastic when aging. The phenomenon is called presbyopia and affects all people.

Everyone has the right to receive prescription Safety Eyewear when their vision is impaired, and this is something every employer should provide free of charge. Safety Eyewear is part of personal protective equipment. It is as much an investment as a right – for both the employee and the employer.

Safety Eyewear is used in an increasing number of situations and in more professions than ever before. Eyes need to be protected. ZEISS supplies Safety Eyewear to promote a better and more efficient working life.

CE marked Safety Eyewear - of course

CE marking of personal protective equipment is regulated by Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and European Standard EN166:2001 for personal eye-protection. These requirements are followed by the Swedish Work Environment Authority (AFS 2001:3) in terms of personal protective equipment which includes prescription lenses in Safety Eyewear.

To supply certified and approved CE marked Safety Eyewear, we have to test optical measurements in our capacity as a supplier; impact resistance, transmission and distortion. Optical measurements must meet the requirements of ISO 8980-1 and ISO 8980-2.

There are two types of impact-resistance safety classes:

S – Increased mechanical strength: A 22 mm steel bullet (44 g) is dropped from a height of 1.3 metres. Plastic, polycarbonate and mineral lenses meet these requirements.

F – High-speed and low-impact-energy particles: A 6 mm steel bullet is shot at the Safety Eyewear (45 m/s). Only lens types in the materials Trivex and Polycarbonate meet this requirement.

As an employer, you decide and are responsible for whether an employee needs S or F classified Safety Eyewear. An optician is responsible for testing the vision and providing a correct prescription and we as a manufacturer of Safety Eyewear are responsible for manufacturing and supplying approved, certified Safety Eyewear according to the prescription. The lenses are CE marked for your safety.

ZEISS supplies CE marked, tested and approved complete Safety Eyewear.
For User information and Declaration of Conformity in local language, please visit:
www.zeiss.com/safetyeyewear

Strong and durable materials meeting all requirements and needs – tested and approved

The choice of lens depends greatly on the purpose for which the glasses are to be used and the safety requirements. ZEISS uses four types of material for Safety Eyewear.

Polycarbonate

Safe and strong lightweight lenses with a very hard surface. This lens type meets the mechanical impact requirements according to EN166-F, which makes them a favourite among safety representatives around Europe.

Trivex

A thin and light lens with a scratch-resistant surface that provides both protection and an optimal optical performance. This lens type meets the mechanical impact requirements according to EN166-F, which makes them the right choice for situations involving a high risk of mechanical impact.

Plastic

Lightweight lenses of a synthetic plastic material are very comfortable and therefore very widely used. They meet the requirements of increased mechanical strength according to European standard EN-166-S. These lenses are often chosen when the risk of mechanical impact is less significant.

Hardened mineral lenses

Chemically hardened mineral lenses meet the resistance requirements of EN-166-S and are also highly scratch resistant. However, the material is somewhat heavier than both plastic, Trivex and polycarbonate.



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Choose the right lenses



Single Vision lenses

You get a lens that corrects most types of vision defects. These lenses can also be used to correct presbyopia at a limited distance, e.g. as reading glasses.



Progressive lenses

Correct your distance vision and provide a smooth transition to near vision while also providing good vision at intermediate distance.



Workplace lenses

Often used when working with a screen or at a desk. They correct near and intermediate zone vision from 40 cm to up to 4 metres. They provide a much wider near vision zone compared to progressive lenses because they are not grinded to provide distance vision.



Bifocal lenses

Correct both distance and near vision by means of a grinded segment in the lower part of the lens.

Choose the right coating

Hard coating

Our unique hard coating for plastic lenses provides excellent scratch resistance while the lens also tolerates sudden temperature variations. Hard coating also provides a superior chemical resistance than completely uncoated lenses.

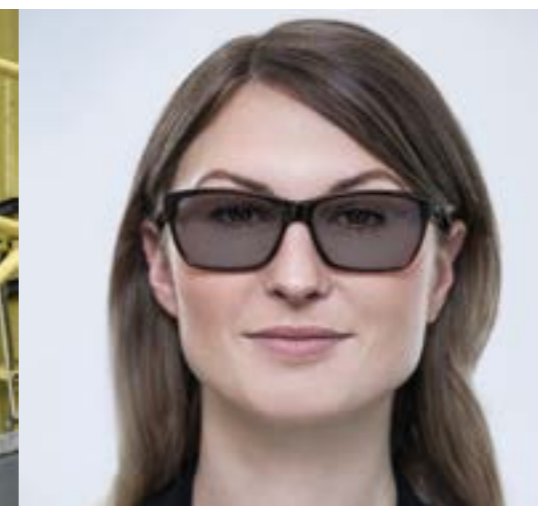
Anti-reflective coating

Anti-reflective coating transmits light well and makes the lenses dirt and water resistant while also providing extra scratch resistance. Perfect for those who work with microelectronics or in a laboratory.



Self-tinting lenses

Self-tinting lenses are very clear indoors but become very dark outside in sunlight. Our ZEISS PhotoFusion technique is based on molecules that open depending on the intensity of UV radiation from sun. The stronger the radiation is, the more the molecules open and make the lenses darker. Practical for those who alternate a lot between being indoors and outdoors.



Optician:

2020/01

Order Safety Eyewear

Complete the separate order form and mail it to order.se@zeiss.com. If you have any questions please contact us at +46 40 685 60 00.

Head of Sales Safety Eyewear Nordics

Cecilia Carlsten

Phone: +46 766 33 84 18

E-mail: cecilia.carlsten@zeiss.com

