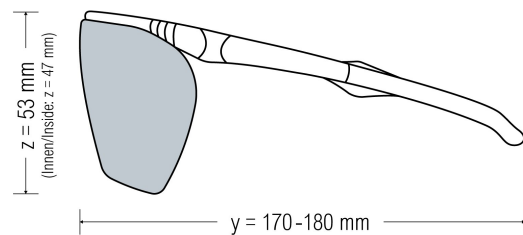
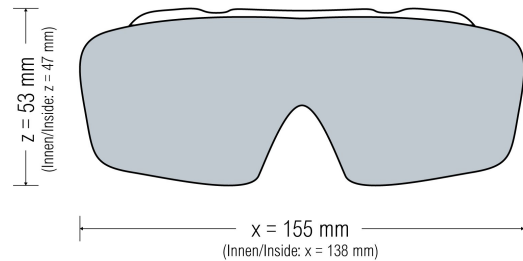


Laser safety eyewear ONTOR, Filter: 0273, frame color black/grey (suitable also for spectacles wearer)

Product information:

Item no.:	000-K0273-ONTO-52
Application:	Excimer (193 nm) UV (248 nm) Nd:YAG 4x (266 nm) Nd:YAG 3x (355 nm) Nd:YAG 2x (532 nm) Alexandrite (755 nm) Diode (940 – 980 nm) Nd:YAG (1064 nm) CO2 (10600 nm) , VLT (Visible light transmission): 15 %
Filter color:	brown
Frame color:	black/grey
Filter material:	polymer



Alle Angaben ohne Gewähr.
All information is provided without guarantee.

Laser safety goggles with a special brown plastic filter, suitable for a variety of lasers in the IR range, such as Alexandrite (755 nm), Ti:sapphire (800 nm) and Nd:YAG (1064 nm). In addition, the laser protection filter also covers other laser wavelengths in the UV range, such as Excimer (193 nm), UV (248 nm) and harmonic Nd:YAG (266nm + 355nm + 532nm).

Certified protection specifications for EN 207

Wavelengths

- 180-315
- >315-532
- 533-538
- 539-542
- 543-545
- 546-550
- 551-558
- 622-648
- 649-660
- 661-696
- 697-711
- 712-719
- 720-722
- 723-734
- 735-770
- 771-815
- 816-825
- 826-839
- 840-1080
- 950-1065
- 1081-1087
- 1088-1098
- 1099-1109
- 1110-1123
- 1124-1141
- 1142-1170
- 4785-5040
- 5041-5150
- 5151-11500

Protection levels

D LB10 + IR LB5 + M LB6Y (OD10+)

D LB6 + IR LB8 + M LB9 (OD9+)

DIRM LB5 (OD5+)

DIRM LB4 (OD4+)

DIRM LB3 (OD3+)

DIRM LB2 (OD2+)

DIRM LB1 (OD1+)

DIRM LB1 (OD1+)

DIRM LB2 (OD2+)

DIRM LB3 (OD3+)

DIRM LB4 (OD4+)

DIRM LB5 (OD5+)

DIRM LB6 (OD6+)

D LB6 + IR LB7 + M LB7Y (OD7+)

D LB6 + IR LB8 + M LB7Y (OD8+)

DIRM LB6 (OD6+)

D LB6 + IRM LB7 (OD7+)

D LB6 + IRM LB8 (OD8+)

D LB6 + IRM LB8 (OD8+)

D LB6 + IRM LB9 (OD9+)

DIRM LB6 (OD6+)

DIRM LB5 (OD5+)

DIRM LB4 (OD4+)

DIRM LB3 (OD3+)

DIRM LB2 (OD2+)

DIRM LB1 (OD1+)

DI LB4 + R LB3Y (OD4+)

DI LB3 + R LB3Y (OD3+)

DI LB4 + R LB3Y (OD4+)

PF CE

Properties:

The **ONTOR** is a lightweight **laser safety goggles** made of special polymers, as perfect solution to wear over prescription glasses. This frame offers a large field of vision, and lateral impact protection. The temples can be adjusted individually and a tightly sealed soft face foam improves the wearing comfort.

The **Laser Safety Filter 0273** is suitable for many lasers in the IR range of light, like **Alexandrit (755 nm)**, **Diode (940-980 nm)** and **Nd:YAG (1064 nm)**. But the filter covers also many laser wavelengths in the UV sector, like **Excimer (193nm)**, **UV (248nm)** and **harmonic Nd:YAG (266 nm + 355nm + 532nm)**. The laser safety filter consists of brown special plastics and offers an visual light transmission (VLT) of 15% and a minor filter thickness. The laser safety filter is **CE certified** in accordance with the requirements of **EN 207**.

For a perfect and safe cleaning of this filter we recommend this [cleaning spray](#).



Please calculate the necessary protection levels for your laser application, with care and compare them to the given protection level of the laser safety goggle. We will gladly advice you on the selection of the right safety gear.