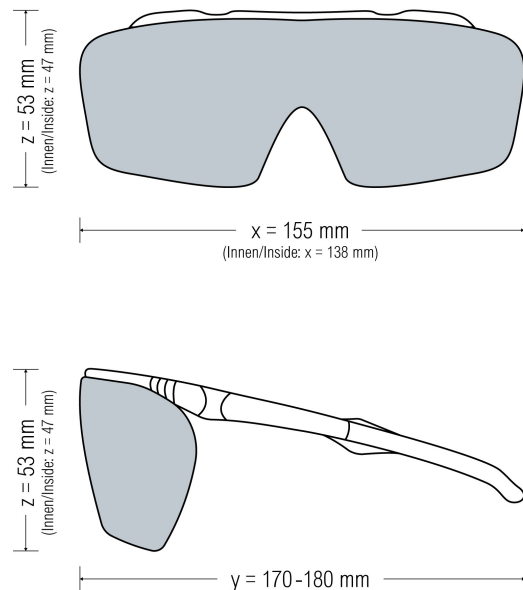


Laser safety eyewear ONTOR Filter: 0281, frame color white/black (suitable also for spectacles wearer)

Product information:

Item no.:	000-K0281-ONTO-54
Application:	Excimer (193 nm) UV (248 nm) Nd:YAG 4x (266 nm) Nd:YAG 3x (355 nm) Thulium (1480 + 1940 nm) Ho:YAG (2100 nm) Er:YAG (2780 – 2940 nm) CO- CO ₂ , VLT (Visible light transmission): 56 %
Filter color:	light grey
Frame color:	white/black
Filter material:	polymer



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

Laser safety goggles with light grey plastic filter, suitable for Excimer (193 nm), UV (248 nm), Nd:YAG 4x (266 nm), Nd:YAG 3x (355 nm), Thulium (1480 + 1940 nm), Ho:YAG (2100 nm), Er:YAG (2780 - 2940 nm) and CO-CO₂ lasers

Certified protection specifications for EN 207

Wavelengths	Protection levels
• 180-315	D LB10 + IR LB5 + M LB6Y (OD10+)
• >315-370	DIR LB6 + M LB6Y (OD6+)
• 371-373	DIRM LB5 (OD5+)
• 374-376	DIRM LB4 (OD4+)
• 377-378	DIRM LB3 (OD3+)
• 379-382	DIRM LB2 (OD2+)
• 383-387	DIRM LB1 (OD1+)
• >1400-1502	DIRM LB1 (OD1+)
• 1503-1651	DIRM LB2 (OD2+)
• 1652-1890	DI LB3 + RM LB3Y (OD3+)
• 1891-3000	DI LB4 + R LB3Y + M LB4Y (OD4+)
• 3001-4758	DI LB3 + RM LB3Y (OD3+)
• 4759-11000	DI LB4 + R LB3Y + M LB4Y (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 0281** is suitable for lasers in the IR range of light, like **Thulium (1480 + 1940 nm)**, **Ho:YAG (2100 nm)**, **Er:YAG (2780 - 2940 nm)** and **CO2 (10600 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)**. The laser safety filter consists of a light grey special plastic, and offers an visual light transmission (VLT) of more than 56% 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.

