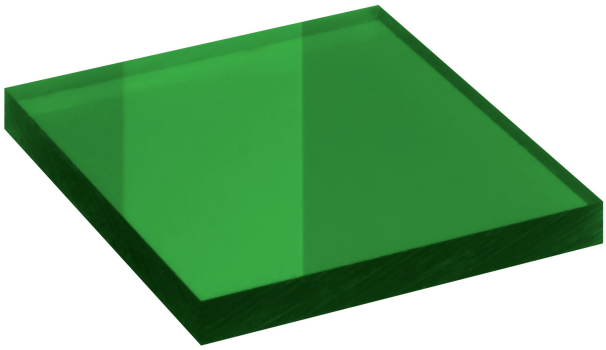
Laser protection window, filter - 0195, dimensions 100 x 200 mm, thickness 3.1 mm

Product information:

Item no.: 100-K0195-100x200
Application: He:Ne (633 nm) Diode (650 nm) Adjusting (630-700 nm) EN 208 , VLT (Visible light transmission): 25 %
Filter color: green
Filter material: special plastic

Laser protection window made of special green plastic suitable for He:Ne (633 nm), Diode (450 nm) and Adjustment (630 - 700 nm) lasers



Qualified protection levels according to EN 12254

Protection levels	Wavelengths
D AB7 + IR AB2 (OD7+)	• 180-315
D AB6 (OD6+)	• >315-430
D AB5 (OD5+)	• >430-435
D AB4 (OD4+)	• >435-440
D AB2 (OD2+)	• >450-460
D AB1 (OD1+)	• 600-630
D AB2 (OD2+)	• >630-700
D AB1 (OD1+)	• >700-720
PF CE	

Datenblatt

PROTECT LASERSCHUTZ GMBH
Ihre Sicherheit. Unser Auftrag!
Your Safety. Our Concern!

Properties:

Laser protection windows enable your employees to safely observe the processes in a laser system. Regardless of whether you want to integrate the laser protection windows in machine enclosures or in movable walls, we offer you the right, tested protection for your laser system, for your laser equipment and for your laser application. Depending on the desired protection level or window size, you can choose between windows made of glass or plastic. In addition to a variety of standard sizes, custom cuts are also possible thanks to our in-house production.

The **laser safety filter 0195** is suitable for protection in the visible wavelength range from 600 nm. This includes **HeNe (633 nm)** and **Diodes (650 nm)**. This filter can also be used for alignment work in the **630-700 nm** range for lasers with a maximum power of **100 mW**. The laser safety filter consists of a green filter made of special plastic and offers a visual light transmission (VLT) of 25% and a low filter thickness. The laser safety filter is **qualified** according to **EN 12254**.

- dimensions 100 x 200 mm, general tolerances according to DIN ISO 2768-1, Table 1 - m
- PROTECT STANDARD for visual defects of laser protective windows
- also available in the standard size 210 x 297 mm and maximal size 1000 x 1500 mm
- other customized sizes available on request
- suitable window frames available on request

For a perfect and safe cleaning of this filter we recommend this cleaning spray