# Laser protection window, filter - 0145, dimensions 100 x 200 mm, thickness 6.0 mm

## Product information:

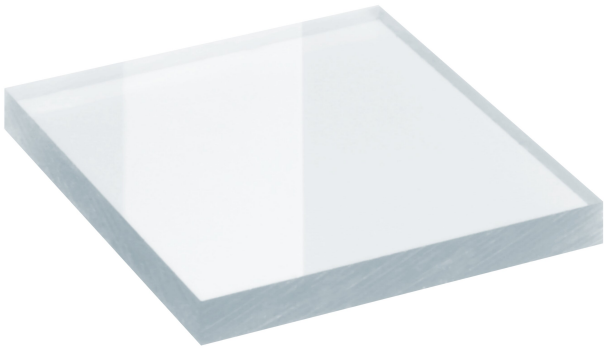
**Item no.:** 100-K0145-100x200

**Application:** Excimer (193 nm) UV (248 nm) Nd:YAG 4x (266 nm) CO2 (10600 nm) , VLT (Visible light transmission): 85 %

**Filter color:** clear

**Filter material:** special plastic

Laser protection window made of clear special plastic suitable for Excimer (193 nm), UV (248 nm), Nd:YAG 4x (266 nm) and CO2 (10600 nm) lasers



## Qualified protection levels according to EN 12254

| Wavelengths | Protection levels |
|---|---|
| • 180-315 | D AB10 + IR AB5 (OD10+) |
| • >315-380 | DIR AB5 (OD9+) |
| • >380-387 | DIR AB4 (OD4+) |
| • >387-392 | DIR AB2 (OD2+) |
| • >392-395 | DIR AB1 (OD1+) |
| • >9000-11000 | D AB4 (OD4+) |
| | 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 protection filter 0145** is especially suitable as laser protection for powerful **Excimer (193 nm)**, **UV (248 nm)**, **Nd:YAG 4x (266 nm)** and **CO2 (10600 nm) lasers**. The laser protection filter is made of a clear special plastic and impresses with a daylight transmission of approx. 85% at low thickness. The laser safety filter is **qualified** according to the regulations of **EN 12254.**

- dimensions 100 x 200 mm
- also available in the standard size 210 x 297 mm and maximal size 2000 x 3000 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. 