Laser protection window, filter - 0142, dimensions 100 x 200 mm, thickness 5.8 mm

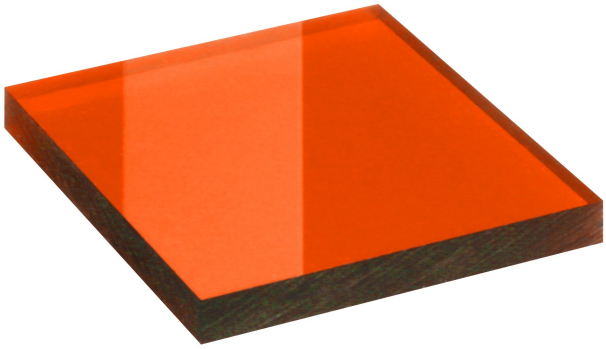
Product information:

Item no.: 100-G0142-100x200

Application: Excimer (193 nm) UV (248 nm) Nd:YAG 4x (266 nm) Nd:YAG 3x (355 nm) Diode (450 nm) Argon (515 nm) Nd:YAG 2x (532 nm) KTP (532 nm) , VLT (Visible light transmission): 40 %

Filter color: orange

Filter material: mineral glass, laminated



Laser protection window made of orange mineral glass suitable for Excimer (193 nm), UV (248 nm), Nd:YAG (266 nm + 355nm + 532 nm), Diode (450 nm), Argon (515 nm) and KTP (532 nm) lasers

Certified protection specifications for EN 207

Wavelengths	Protection levels
• 180-315	D LB10 + IR LB5 (OD10+)
• >315-532	D LB7 + IR LB8 + M LB8Y (OD8+)
	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 0142** is particularly suitable as laser protection for powerful **Excimer (193 nm)**, **UV (248 nm)**, **Nd:YAG (266 nm + 355nm + 532 nm)**, **Diode (450 nm)**, **Argon (515 nm)** und **KTP (532 nm) Lasers.** It consists of orange mineral glass and impresses with a daylight transmission of approx. 40% at low thickness. The laser safety filter is **CE** certified according to the regulations of **DIN EN 207**.

- 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
- 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