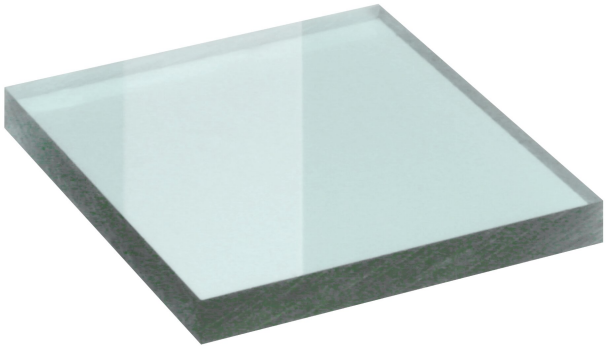
Laser protection window, filter - 014039, dimensions 100 x 200 mm, thickness 5.5 mm

Product information:

Item no.:	100-G014039-100x200
Application:	Diode (980 nm) Yb:YAG/Disc (1030 nm) Nd:YAG (1064 nm) Fiber (976 – 1080 nm) Telecom (1550 nm) Ho:YAG (2100 nm) Er:YAG (2940 nm) CO2 (10600 nm) , VLT (Visible light transmission): 70 %
Filter color:	light grey
Filter material:	mineral glass, laminated



Laser protection window made of light gray mineral glass suitable for Diode (980 nm), Disk (1030 nm), Nd:YAG (1064 nm), Fiber (976 - 1080 nm), Telecom (1550 nm), Ho:YAG (2100 nm), Er:YAG (2940 nm) and CO2 (10600 nm) lasers

Datenblatt

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

Certified protection specifications for EN 207

Wavelengths	Protection levels
• 915-955	DIR LB5 (OD5+)
• >955-1000	DIR LB6 (OD6+)
• >1000-1025	DIR LB7 + M LB7Y (OD7+)
• >1025-1400	D LB7 + IR LB8 + M LB8Y (OD8+)
• >1400-2600	DI LB4 (OD4+)
• >2600-2800	DI LB3 (OD3+)
• >2800-3000	DI LB4 (OD4+)
• >3000-4000	DI LB3 (OD3+)
• >4000-9000	DI LB4 (OD4+)
• 9000-11000	DI LB5 (OD5+)
	PF CE

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 014039** is particularly suitable as laser protection for powerful **Diode (980 nm)**, **Disk (1030 nm)**, **Nd:YAG (1064 nm)**, **Fiber (976 – 1080 nm)**, **Telecom (1550 nm)**, **Ho:YAG (2100 nm)**, **Er:YAG (2940 nm)** and **CO2 (10600 nm) Lasers**, consists of a light gray mineral glass and impresses with a daylight transmission of approx. 70% 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