Laser protection window, filter - 0446, dimensions 100 x 200 mm, thickness 3 mm

Product information:

Item no.: 100-K0446-100x200
Application: Nd:YAG 3x (355 nm) Diode (450 nm) , VLT (Visible light transmission): 65 %
Filter color: yellow
Filter material: Special polymer

Laser protection window made of special yellow plastic suitable for Nd:YAG 3x (355 nm) and Diode (450 nm) lasers

Qualified protection levels according to EN 12254

Protection levels	Wavelengths
D AB8 + IR AB3 (OD9+)	• 180-315
DM AB5 (OD9+)	• >315-356
DM AB5 (OD8+)	• >356-361
DM AB5 (OD6+)	• >361-388
DM AB5 (OD8+)	• >388-469
DM AB4 (OD4+)	• >469-478
DM AB3 (OD3+)	• >478-481
DM AB2 (OD2+)	• >482-485
DM AB1 (OD1+)	• >485-498
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 **0446 laser protection filter** is particularly suitable as laser protection for powerful **Nd:YAG 3x (355 nm)** und **Diode (450 nm) lasers**. However, other lasers are also covered by the filter. The laser safety filter is made of a special yellow plastic and has a daylight transmission of approx. 66% at low thickness. The laser safety filter is **qualified** according to the regulations of **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 610 x 915 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.