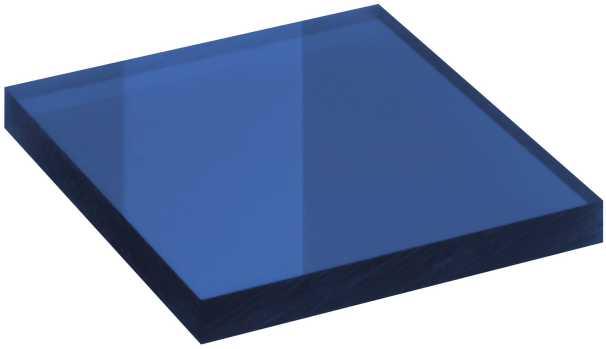
Laser protection window, filter - 0221, dimensions 100 x 200 mm, thickness 3.3 mm

Product information:

Item no.:	100-K0221-100x200
Application:	Excimer (193 nm) UV (248 nm) Nd:YAG 4x (266 nm) Nd:YAG 3x (355 nm) Nd:YAG 2x (532 nm) Dye (577 nm) Dye (585 nm) Dye (595 nm) He:Ne (633 nm) , VLT (Visible light transmission): 2.9 %
Filter color:	blue
Filter material:	special plastic



Laser protection window made of special blue plastic suitable for Excimer (193 nm), UV (248 nm), Nd:YAG 4x (266 nm), Nd:YAG 3x (355 nm), Nd:YAG 2x (532 nm), Dye (577 nm), Dye (585 nm), Dye (595 nm) and He:Ne (633 nm) lasers

Datenblatt

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Your Safety. Our Concern!

Qualified protection levels according to EN 12254

Protection levels	Wavelengths
D AB7 + IR AB2 (OD10+)	• 180-315
DIR AB5 (OD8+)	• >315-364
DIR AB4 (OD4+)	• >364-370
DIR AB2 (OD2+)	• >370-378
DIR AB1 (OD1+)	• >378-390
DIR AB1 (OD1+)	• >520-540
DIR AB2 (OD2+)	• >540-565
DIR AB3 (OD3+)	• >565-575
DIR AB4 (OD4+)	• >575-643
DIR AB3 (OD3+)	• >643-650
DIR AB2 (OD2+)	• >650-657
DIR AB1 (OD1+)	• >657-670
PF CE	

Datenblatt

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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 **0221 laser protection filter** is particularly suitable as laser protection for powerful **Excimer (193 nm)**, **UV (248 nm)**, **harmonic Nd:YAG (266 + 355 + 532nm)**, **Dye (577 nm)**, **Dye (585 nm)**, **Dye (595 nm)** and **He:Ne (633 nm) lasers**. However, other lasers are also covered by the filter. The laser safety filter is made of a special blue plastic and has a daylight transmission of approx. 2,9% with a 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.