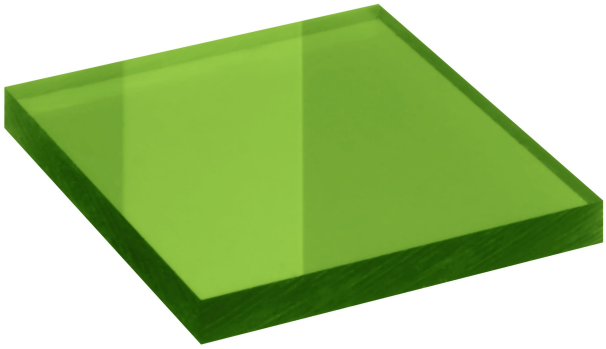
Laser protection window, filter - 0205, dimensions 100 x 200 mm, thickness 3.5 mm

Product information:

Item no.:	100-K0205-3-100x200
Application:	UV (248 nm) Nd:YAG 4x (266 nm) Ti:Sapphire (800 nm) Diode (940 – 980 nm) Yb:YAG/Scheibe (1030 nm) Nd:YAG (1064 nm) Fiber (976 – 1080 nm) Telecom (1320 nm) , VLT (Visible light transmission): 34 %
Filter color:	green
Filter material:	special plastic



Laser protection window made of special green plastic suitable for UV (248 nm), Nd:YAG 4x (266 nm), Ti:Saphir (800 nm), Diode (940 – 980 nm), Yb:YAG/Scheibe (1030 nm), Nd:YAG (1064 nm), Fiber (976 – 1080 nm), Telecom (1320 nm) lasers

Datenblatt

PROTECT LASERSCHUTZ GMBH
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Your Safety. Our Concern!

Qualified protection levels according to EN 12254

Protection levels	Wavelengths
D AB8 + IR AB3 (OD10+)	• 180-315
DIR AB5 (OD10+)	• >315-355
DIR AB5 (OD8+)	• >355-360
DIR AB5 (OD7+)	• >360-365
DIR AB5 (OD6+)	• >365-370
DIR AB5 (OD5+)	• >370-430
DIR AB4 (OD4+)	• >430-450
DIR AB3 (OD3+)	• >450-460
DIR AB2 (OD2+)	• >460-475
DIR AB1 (OD1+)	• >475-490
DM AB2 + IR AB2Y (OD2+)	• 765-805
DM AB3 + IR AB3Y (OD3+)	• >805-840
DM AB4 + IR AB4Y (OD4+)	• >840-870
DM AB5 + IR AB5Y (OD5+)	• >870-900
DM AB6 + I AB6Y + R AB5Y (OD6+)	• >900-940
D AB6 + I AB6Y + R AB5Y + M AB7 (OD7+)	• >940-985
D AB6 + I AB6Y + R AB5Y + M AB8 (OD8+)	• >985-1020
D AB6 + I AB6Y + R AB5Y + M AB7 (OD7+)	• >1020-1050
DM AB6 + I AB6Y + R AB5Y (OD6+)	• >1050-1070
DM AB5 + IR AB5Y (OD5+)	• >1070-1105
DM AB4 + IR AB4Y (OD4+)	• >1105-1165
DM AB3 + IR AB3Y (OD3+)	• >1165-1725
DM AB2 + IR AB2Y (OD2+)	• >1725-1795
D AB2 (OD2+)	• 9000-11000
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 **0205 laser protection filter** is particularly suitable as laser protection for powerful **UV (248 nm)**, **Nd:YAG 4x (266 nm)**, **Ti:Saphir (800 nm)**, **Diode (940 – 980 nm)**, **Yb:YAG/Disc (1030 nm)**, **Nd:YAG (1064 nm)**, **Fiber (976 – 1080 nm)** and **Telecom (1320 nm) lasers**. However, other lasers are also covered by the filter. The laser safety filter is made of a special green plastic and has a daylight transmission of approx. 34% 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 915 x 1220 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