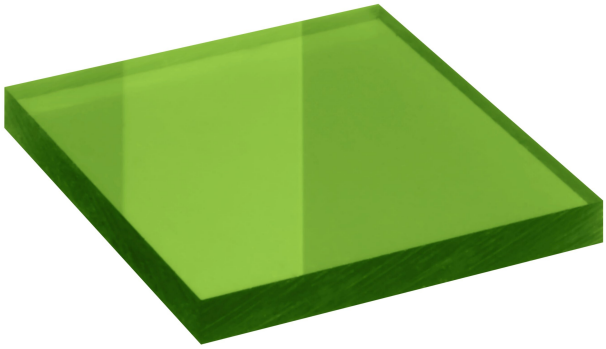
Laser protection window, filter - 0422, dimensions 2438 x 1219 mm, thickness 3.2 mm

Product information:

Item no.:	100-K0422-2438x1219
Application:	UV (248 nm) Nd:YAG 4x (266 nm) Nd:YAG 3x (355 nm) Diode (450 nm) Ti:Sapphire (800 nm) Diode-Nd:YAG (800-1064 nm) Yb:YAG/Scheibe (1030 nm) Fiber (976 – 1080 nm) Telecom (1320 nm) , VLT (Visible light transmission): 30 %
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), Nd:YAG 3x (355 nm), Diode (450 nm), Ti:Sapphire (800 nm), Diode-Nd:YAG (800-1064 nm), Yb:YAG/Disc (1030 nm), Fiber (976 – 1080 nm) and Telecom (1320 nm) lasers

Datenblatt

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

Qualified protection levels according to EN 12254

Protection levels	Wavelengths
D AB8 + IR AB3 (OD10+)	• 180-315
DIR AB5 (OD6+)	• >315-435
DIR AB5 (OD5+)	• >435-450
DIR AB4 (OD4+)	• >450-460
DIR AB3 (OD3+)	• >460-470
DIR AB2 (OD2+)	• >470-480
DIR AB1 (OD1+)	• >480-495
DIRM AB1 (OD1+)	• 675-745
DIRM AB2 (OD2+)	• >745-780
DIRM AB3 (OD3+)	• >780-810
DIRM AB4 (OD4+)	• >810-835
DIRM AB5 (OD5+)	• >835-860
D AB5 + IRM AB6 (OD6+)	• >860-880
D AB5 + IR AB7Y + M AB7 (OD7+)	• >880-900
D AB5 + IR AB7Y + M AB8 (OD8+)	• >900-930
D AB5 + IR AB7Y + M AB9 (OD9+)	• >930-1050
D AB5 + IR AB7Y + M AB8 (OD8+)	• >1050-1075
D AB5 + IR AB7Y + M AB7 (OD7+)	• >1075-1095
D AB5 + IR AB6Y + M AB6 (OD6+)	• >1095-1120
DM AB5 + IR AB5Y (OD5+)	• >1120-1175
DM AB4 + IR AB4Y (OD4+)	• >1175-1400
DIRM AB2 (OD3+)	• >1400-1755
DIRM AB2 (OD2+)	• >1755-1800
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 protection filter 0422** is especially suitable as laser protection for powerful **UV (248 nm)**, **Nd:YAG 4x (266 nm)**, **Nd:YAG 3x (355 nm)**, **Diode (450 nm), Ti:Sa (800 nm)**, **Diode-Nd:YAG (800 - 1064 nm)**, **Yb:YAG/Disc (1030 nm)**, **Fiber (976 - 1080 nm)** and **Telecom (1320 nm) lasers**. The laser protection filter is made of a green special plastic and impresses with a daylight transmission of approx. 30% at low thickness. The laser safety filter is **qualified** according to the regulations of **DIN EN 12254**.

- dimensions 2438 x 1219 mm, general tolerances according to DIN ISO 2768-1, Table 1 - c
- PROTECT STANDARD for visual defects of laser protective windows
- 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.