Laser protection window, filter - 0223, dimensions 610 x 915 mm, thickness 2.8 mm

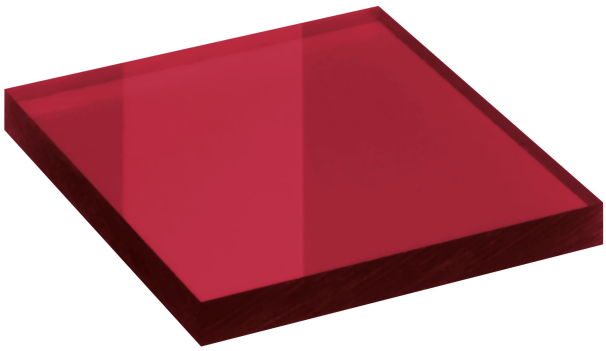
Product information:

Item no.: 100-K0223-610x915

Application: Excimer (193 nm) UV (248 nm) Nd:YAG 4x (266 nm) Nd:YAG 3x (355 nm) Diode (450 nm) Blue light laser (450 – 480 nm) Argon (515 nm) Nd:YAG 2x (532 nm) , VLT (Visible light transmission): 4.4 %

Filter color: red

Filter material: special plastic



Laser protection window made of special red plastic suitable for Excimer (193 nm), UV (248 nm), Nd:YAG 4x (266 nm), Nd:YAG 3x (355 nm), Diode (450 nm), Blue light (450 - 480 nm), Argon (515 nm) and Nd:YAG 2x (532 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 (OD10+)	• >315-370
DIR AB5 (OD6+)	• >370-425
DIR AB5 (OD7+)	• >425-435
DIR AB5 (OD8+)	• >435-450
DIR AB5 (OD10+)	• >450-545
DIR AB5 (OD8+)	• >545-555
DIR AB5 (OD7+)	• >555-560
DIR AB5 (OD5+)	• >560-570
DIR AB4 (OD4+)	• >570-576
DIR AB3 (OD3+)	• >576-583
DIR AB2 (OD2+)	• >583-593
DIR AB1 (OD1+)	• >593-605
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 **0223 laser protection filter** is particularly suitable as laser protection for powerful **Excimer (193 nm)**, **UV (248 nm)**, **Nd:YAG 4x (266 nm)**, **Nd:YAG 3x (355 nm)**, **Diode (450 nm), Blue light (450 - 480 nm), Argon (515 nm)** and **Nd:YAG 2x (532 nm) lasers**. However, other lasers are also covered by the filter. The laser safety filter is made of a special red plastic and has a daylight transmission of approx. 4.4% at low thickness. The laser safety filter is **qualified** according to the regulations of **EN 12254**.

- dimensions 610 x 915 mm, general tolerances according to DIN ISO 2768-1, Table 1 - c
- PROTECT STANDARD for visual defects of laser protective windows
- also available in the standard size 100 x 200 mm and 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.