Laser protection window, filter - 0214, dimensions 210 x 297 mm, thickness 3.0 mm

Product information:

Item no.: 100-K0214-210x297

Application: Excimer (193 nm) UV (248 nm) Nd:YAG 4x (266 nm) Nd:YAG 3x (355 nm) Diode (450 nm) Diode (480 nm) , VLT (Visible light transmission): 40 %

Filter color: orange

Filter material: special plastic

Laser protection window made of special orange plastic suitable for Excimer (193 nm), UV (248 nm), Nd:YAG 4x (266 nm), Nd:YAG 3x (355 nm), Diode (450 nm) and Diode (480 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 (OD10+)	• >315-365
DIR AB5 (OD6+)	• >365-375
DIR AB4 (OD4+)	• >375-392
DIR AB5 (OD5+)	• >392-400
DIR AB5 (OD6+)	• >400-410
DIR AB5 (OD8+)	• >410-425
DIR AB5 (OD10+)	• >425-485
DIR AB5 (OD7+)	• >485-500
DIR AB5 (OD6+)	• >500-510
DIR AB4 (OD4+)	• >510-520
DIR AB3 (OD3+)	• >520-525
DIR AB2 (OD2+)	• >525-532
DIR AB1 (OD1+)	• >532-540
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 **0214 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)** and **Diode (480 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. 40% with a low thickness. The laser safety filter is **qualified** according to the regulations of **EN 12254**.

- dimensions 210 x 297 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 100 x 200 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.