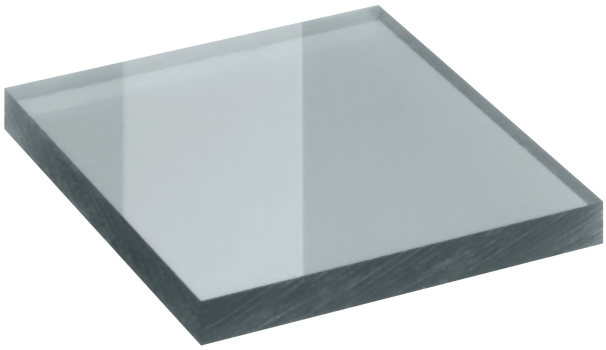
Laser protection window, Filter - 0323, dimensions 100 x 200 mm, thickness 3.0 mm

Product information:

Item no.:	100-K0323-100x200
Application:	Thulium (1940 nm) Ho:YAG (2100 nm) Er:YAG (2780 – 2940 nm) , VLT (Visible light transmission): 57 %
Filter color:	light grey
Filter material:	special plastic



Laser protection window made of light grey special plastic suitable for Thulium (1940 nm), Ho:YAG (2100 nm) and Er:YAG (2780 – 2940 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 AB7 + IR AB2 (OD10+)	• 180-315
DIR AB5 (OD5+)	• >315-350
D AB1 (OD1+)	• >1380-1620
D AB2 (OD2+)	• >1620-1840
D AB2 (OD3+)	• >1840-2110
D AB2 (OD4+)	• >2110-2220
D AB2 (OD5+)	• >2220-2240
D AB2 (OD6+)	• >2240-2430
D AB2 (OD5+)	• >2430-2510
D AB2 (OD4+)	• >2510-3000
PF CE	

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 **0323 laser protection filter** is particularly suitable as laser protection for powerful **Thulium (1940 nm)**, **Ho:YAG (2100 nm)** and **Er:YAG (2780 - 2940 nm) lasers**. However, other lasers are also covered by the filter. The laser safety filter is made of a special light grey plastic and has a daylight transmission of approx. 57% at 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.