

Laser protection window, filter - 0360, dimensions 100 x 200 mm, thickness 6.0 mm

Product information:

Item no.: 100-G0360-100x200

Application: Diode-Nd:YAG (900 – 1400 nm) Yb:YAG/Scheibe (1030 nm) Faser (976 – 1080 nm) Telecom (1320 nm) Tm:Diode (1470 nm) Thulium (1480 + 1940 nm) Er:glass (1540 nm) Telecom (1550 nm) Tm:YAG (1900 nm) Ho:YAG (2100 nm) Er:YAG (2780 – 2940 nm) CO2 (10600 nm) , VLT (Visible light transmission): 67 %

Filter color: light blue

Filter material: mineral glass



Laser protection window made of light blue mineral glass suitable for Diode-Nd:YAG (900 – 1400 nm), Yb:YAG/Disk (1030 nm), Fiber (976 – 1080 nm), Telecom (1320 nm), Tm:Diode (1470 nm), Thulium (1480 + 1940 nm), Er:glass (1540 nm), Telecom (1550 nm), Tm:YAG (1900 nm), Ho:YAG (2100 nm), Er:YAG (2780 – 2940 nm) and CO2 (10600 nm) lasers

Certified protection specifications for EN 207

Wavelengths

- 730-785
- >785-825
- >825-862
- >862-890
- >890-915
- >915-939
- >939-979
- >979-1019
- >1019-1400
- >1400-2690
- >2690-2753
- >2753-11500

Protection levels

DIRM LB1 (OD1+)

DIRM LB2 (OD2+)

DIRM LB3 (OD3+)

DIRM LB4 (OD4+)

DIRM LB5 (OD5+)

DIRM LB6 (OD6+)

DIRM LB7 (OD7+)

D LB7 + IRM LB8 (OD8+)

D LB7 + IRM LB9 (OD9+)

DI LB5 + R LB3Y + M LB5Y (OD5+)

DI LB4 + R LB3Y + M LB4Y (OD4+)

DI LB5 + R LB3Y + M LB5Y (OD5+)

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 **Laser Safety Filter 0360** is suitable for powerful **Diode (940 - 980 nm)**, **Yb:YAG/Disk (1030 nm)**, **Nd:YAG (1064 nm)**, **Fiber (1060 – 1080 nm)**, **Telecom (1320, 1550 nm)**, **Tm:Diode (1470 nm)**, **Thulium (1480 + 1940 nm)**, **Er:glass (1540 nm)**, **Tm:YAG (1900 nm)**, **Ho:YAG (2100 nm)**, **Er:YAG (2780 – 2940 nm)** and **CO2 (10600 nm)** in particular, but the filter also covers additional laser wavelengths. The laser safety filter consists of a light blue mineral glass and offers an extraordinary visual light transmission (VLT) of 67 % despite its minor filter thickness. The laser safety filter is **CE certified** in accordance with the requirements of **EN 207** and is available in different frames.

- dimensions 100 x 200 mm
- also available in the standard size [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](#).

