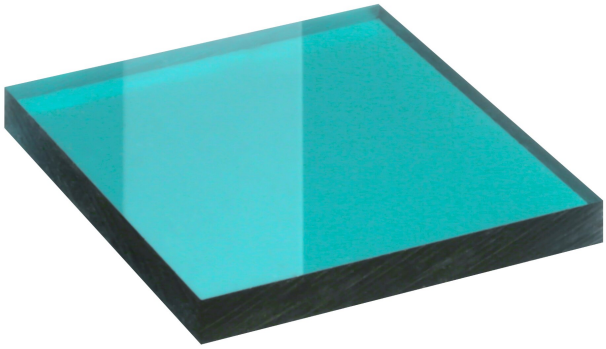
Laser protection window, filter - 0155, dimensions 100 x 200 mm, thickness 6.0 mm

Product information:

Item no.:	100-G0155-100x200
Application:	Alexandrite (755 nm) Ti:Sapphire (800 nm) Diode (808 nm) Diode (940 nm) Yb:YAG/Disc (1030 nm) Nd:YAG (1064 nm) Fiber (976 – 1080 nm) CO2 (10600 nm) , VLT (Visible light transmission): 45 %
Filter color:	turquoise
Filter material:	mineral glass, laminated



Laser protection window made of turquoise mineral glass suitable for Alexandrite (755 nm), Ti:Sapphire (800 nm), Diode (808 nm), Diode (940 nm), Disc (1030 nm), Nd:YAG (1064 nm), Fiber (976 - 1080 nm) and CO2 (10600 nm) lasers

Datenblatt

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Your Safety. Our Concern!

Certified protection specifications for EN 207

Wavelengths	Protection levels
• 625-645	DIRM LB2 (OD2+)
• >645-660	DIRM LB3 (OD3+)
• >660-675	DIRM LB4 (OD4+)
• >675-690	DIRM LB5 (OD5+)
• >690-700	DIRM LB6 (OD6+)
• >700-750	DIR LB7 + M LB7Y (OD7+)
• >750-1200	D LB7 + IR LB8 + M LB8Y (OD8+)
• >1200-1240	DIR LB7 + M LB7Y (OD7+)
• >1240-1285	DIRM LB6 (OD6+)
• >1285-1340	DIRM LB5 (OD5+)
• >1340-1400	DIRM LB4 (OD4+)
• >1400-1480	DI LB3 (OD3+)
• >1480-1590	DI LB2 (OD2+)
• 9000-11000	DI LB5 (OD5+)
	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 **laser safety filter 0155** is particularly suitable as laser protection for powerful **Alexandrite (755 nm)**, **Ti:Sapphire (800 nm)**, **Diode (808 - 940 nm)**, **Disc (1030 nm)**, **Nd:YAG (1064 nm)**, **Fiber (976 - 1080 nm)** and **CO2 (10600 nm) lasers.** It consists of a turquoise mineral glass and impresses with a daylight transmission of approx. 45% at low thickness. The laser safety filter is **CE certified** according to the regulations of **DIN EN 207**.

- 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
- 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