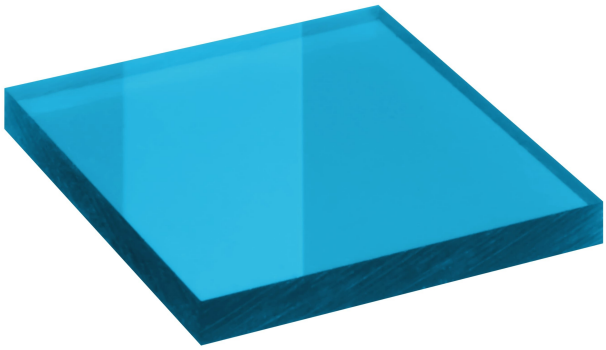
Laser protection window, filter - 0355, dimensions 810 x 950 mm, thickness 3.0 mm

Product information:

Item no.:	100-K0355-810x950
Application:	Excimer (193 nm) UV (248 nm) Nd:YAG 4x (266 nm) Nd:YAG 3x (355 nm) Diode (630 – 660 nm) He:Ne (633 nm) , VLT (Visible light transmission): 30 %
Filter color:	blue
Filter material:	special plastic



Laser protection window, made of special blue plastic, suitable for Excimer (193 nm), UV (248 nm), Nd:YAG 4x (266 nm), Nd:YAG 3x (355 nm), Diode (630 - 660 nm) and He:Ne (633 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 (OD9+)	• 180-315
DIR AB5 (OD10+)	• >315-370
DIR AB5 (OD6+)	• >370-375
DIR AB3 (OD3+)	• >375-380
DIR AB1 (OD1+)	• >380-390
DIR AB1 (OD1+)	• >570-582
DIR AB2 (OD2+)	• >582-592
DIR AB3 (OD3+)	• >592-603
DIR AB4 (OD4+)	• >603-610
DIR AB5 (OD5+)	• >610-615
DIR AB5 (OD7+)	• >615-623
DIR AB5 (OD10+)	• >623-663
DIR AB5 (OD6+)	• >663-667
DIR AB3 (OD3+)	• >667-672
DIR AB2 (OD2+)	• >672-675
DIR AB1 (OD1+)	• >675-680
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 **0355 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 (630 – 660 nm)** und **He:Ne (633 nm) lasers**. However, other wavelenghts are also covered by the filter. The laser safety filter is made of a blue special plastic and has a daylight transmission of approx. 30% at low thickness. The laser safety filter is **qualified** according to the regulations of **EN 12254**.

- dimensions 810 x 950 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, 210 x 297 mm and maximal size 1000 x 1800 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.