

Laser protection window, filter - 0355, dimensions 100 x 200 mm, thickness 3.0 mm

Product information:

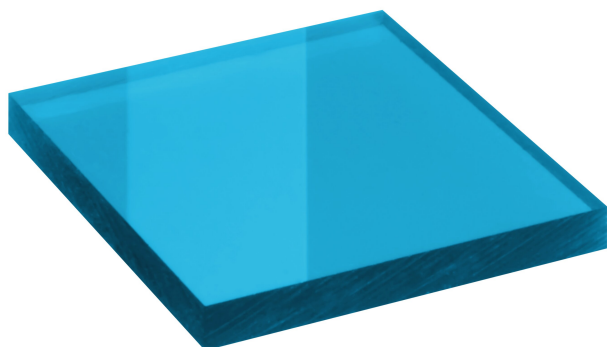
Item no.: 100-K0355-100x200

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



Qualified protection levels according to EN 12254

Wavelengths	Protection levels
• 180-315	D AB7 + IR AB2 (OD9+)
• >315-370	DIR AB5 (OD10+)
• >370-375	DIR AB5 (OD6+)
• >375-380	DIR AB3 (OD3+)
• >380-390	DIR AB1 (OD1+)
• >570-582	DIR AB1 (OD1+)
• >582-592	DIR AB2 (OD2+)
• >592-603	DIR AB3 (OD3+)
• >603-610	DIR AB4 (OD4+)
• >610-615	DIR AB5 (OD5+)
• >615-623	DIR AB5 (OD7+)
• >623-663	DIR AB5 (OD10+)
• >663-667	DIR AB5 (OD6+)
• >667-672	DIR AB3 (OD3+)
• >672-675	DIR AB2 (OD2+)
• >675-680	DIR AB1 (OD1+)
	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 **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 wavelengths 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 100 x 200 mm
- also available in the standard size **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**.

