

2. PhotonSafe® Laser Protecting Windows



With our PhotonSafe laser protection windows, you are opting for a high-quality and affordable solution for your laser welding protection. They are provided with high level of protection from laser radiation and high optical density(OD) and high visible light transmittance(VLT) and are fully compliant with CE standards, and meet the threshold of European market.

Laser Filter Windows - Laser Safety Viewing Windows - Laser Filter Windows

Laser viewing windows enable you to see inside an enclosure while stopping the laser radiation from coming out, thus providing protection with the minimum of inconvenience. These viewing windows are specific build and adapted for Laser welding and laser cleaning applications.

In High Tech plastics: Cost-effective, lightweight protection in large sizes for high power lasers and strong reflections from high power lasers

This PhotonSafe® Laser safety windows are designed and manufactured to absorb specially laser welding laser waves, to provide safe working condition to laser welding users. The safety windows are made of PMMA and absorbing dyes. Windows are not considered to be PPE and can be marked with their optical density only, but as a Lasermach standard, most of our materials do have a certification acc. to the standard EN 207:2009+AC: 2011(updated to EN 207: 2017) & EN167, in accordance with (EU) 2016/425 PPE and acc. DIN EN 60825-4 and indicate OD + LB ratings.



We are able to supply any of these filters in custom sizes up to the largest size available (typically 1280 x 1000 mm - 640x1000mm - 500x640mm - 320x500mm).

Custom-cutting, punching, chamfering, marking and anti-static are available.

The windows have no optical distortion and are not easy to scratch.

Protective window green OD+7	Referentie	Price € ex VAT
PhotonSafe Laser welding protection Window OD 7+ 940-1100nm		€/piece
Window 1280x1000x5mm	LLSE-LPW-HE128100	€ 1.822,0
Window 1280x500x5mm	LLSE-LPW-HE128050	€ 945,0
Window 1000x640x5mm	LLSE-LPW-HE100050	€ 945,0
Window 1000x426x5mm	LLSE-LPW-HE100042	€ 630,0
window 640x500x5mm	LLSE-LPW-HE064050	€ 480,0