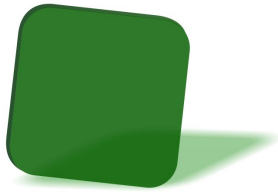


# laservision

## laser safety window P1H09 (3mm)



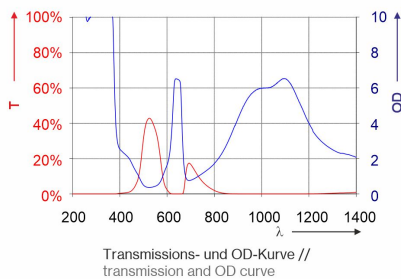
Articlenumber: 000P1H091005

GTIN: 4050369072534

Unit: 1 Stück

Weight incl. packaging 0,00 kg

### Filtercurve



### Highlights

The laser protection window 000.P1H09.1005 from laservision is suitable for Nd:YAG or fiber lasers. It is certified according to DIN EN 60825-4 and CE marked accordingly. There is a protection (OD6+) in the NIR range at 1064nm-1100nm as well as an OD4+ in the red wavelength range from 630nm to 656nm. This enables use in machines with seam tracking sensors or similar measuring systems. It has a daylight transmission of around 18% and has sufficient visual brightness and color vision. The laser protection window 000.P1H09.1005 is available in various standard and customer-specific dimensions up to a size of 3000 x 2000 mm<sup>2</sup>.

<b>COLOUR:</b>	dark green
<b>FILTER MATERIAL:</b>	Plastic
<b>FILTER TECHNOLOGY:</b>	Absorption filter
<b>FILTER THICKNESS:</b>	ca. 3mm
<b>PROTECTION CLASS / NORM:</b>	EN 60825
<b>PROTECTION RANGE:</b>	near infrared, visible
<b>VLT (APPROX.):</b>	18%
<b>VISUAL BRIGHTNESS:</b>	Sufficient
<b>COLOUR RECOGNITION:</b>	Sufficient

### DIN EN 60825-4

897-960nm | 124 kW/m<sup>2</sup> | T2 | t<sub>max</sub> = 105s

960-1190nm | 166 kW/m<sup>2</sup> | T2 | t<sub>max</sub> = 105s

## laser safety window P1H09 (3mm)

### OD

Wavelength (nm)	OD
180-365	(OD8+)
>365-380	(OD4+)
>380-390	(OD2+)
>390-460	(OD1+)
600-<615	(OD1+)
615-<621	(OD2+)
621-<630	(OD3+)
630-656	(OD4+)
>656-664	(OD3+)
>664-667	(OD2+)
>667-674	(OD1+)
750-<830	(OD1+)
830-<865	(OD2+)
865-<897	(OD3+)
897-<940	(OD4+)
940-<1064	(OD5+)
1064-1100	(OD6+)
>1100-1150	(OD5+)
>1150-1190	(OD4+)
>1190-1235	(OD3+)
>1235-1280	(OD2+)
>1280-1440	(OD1+)