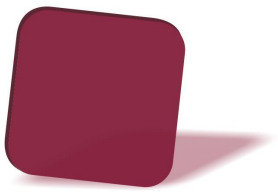
laservision

laser safety window P5E04

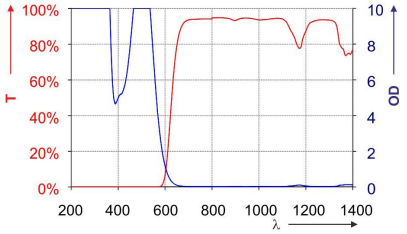


Articlenumber: 000P5E041001
GTIN: 4050369016705
Unit: 1 Stück
Weight incl. packaging 0,07 kg
Weight excl. packaging: 0,07 kg

Highlights

The plastic laser protection window P5E04 from laservision has full protection for high-power lasers in the blue and green wavelength range and has continuous protection of at least OD4+ from 180nm to 574nm. Another highlight is the high protection (OD8 +) in the 455-545nm range. It is also suitable for low-power lasers in the UV and yellow wavelength range. Another special feature of this P5E04 window is that it improves the visibility of red lasers. The red window has a dimension of 200x100mm and offers a daylight transmission (VLT) of approx. 5%. The laser safety material is available in different standard sizes and is also customized available up to a maximum size of 3050 x 2050 mm². The thickness is about 3mm. The window is exclusively marked with OD.

Filtercurve



Transmissions- und OD-Kurve //
transmission and OD curve

COATING:	no coating
COLOUR:	Red
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 3mm
PROTECTION RANGE:	visible, ultraviolett
VLT (APPROX.):	5%
VISUAL BRIGHTNESS:	Sufficient
COLOUR RECOGNITION:	Limited

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OD

Wavelength	OD
180 - 360nm	OD10+
>360 - 365nm	OD8+
>365 - 370nm	OD6+
>370 - 380nm	OD5+
>380 - <401nm	OD4+
401 - <440nm	OD5+
440 - <450nm	OD6+
450 - <455nm	OD7+
455 - <460nm	OD8+
460 - <470nm	OD9+
470 - 532nm	OD10+
>532 - 540nm	OD9+
>540 - 545nm	OD8+
>545 - 550nm	OD7+
>550 - 558nm	OD6+
>558 - 566nm	OD5+
>566 - 574nm	OD4+
>574 - 580nm	OD3+
>580 - 589nm	OD2+
>589 - 600nm	OD1+
5400 - <10600nm	OD5+
10600 - 11000nm	OD6+
>11000 - 11500nm	OD5+

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