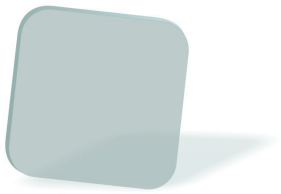
laservision

laser safety window T1K06



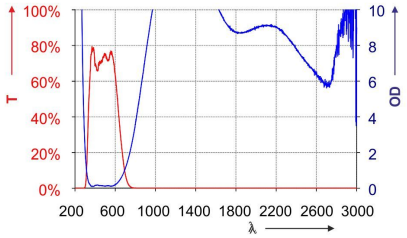
Highlights

The laservision mineral glass laser safety window 000.T1K06.1001 with lamination provides a very high M LB9 protective effect within the NIR spectral area (1,050-1,400nm). The light grey filter material features a 60% VLT and is customized available up to a size of 297x210nm. The thickness is approximately 6,6 - 7,4 mm. This window is certified acc. EN207 and CE marked with 5 and 10 sec. of test time.

Articlenumber: 000T1K061001
GTIN: 4050369012974
Unit: 1 Stück
Weight incl. packaging 0,45 kg
Weight excl. packaging: 0,36 kg

COATING:	no coating
COLOUR:	light grey
FILTER MATERIAL:	Mineral glass
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 6,6 - 7,4 mm
PROPERTIES:	No neutral glass lamination
PROTECTION CLASS / NORM:	EN 207 full protection, EN 60825
PROTECTION RANGE:	near infrared, Infrared
VLT (APPROX.):	60%
VISUAL BRIGHTNESS:	Very good
COLOUR RECOGNITION:	Excellent

Filtercurve



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

LASERVISION GmbH | Würzburger Str. 152, D-90766 Fürth | **T** +49 911 9736 8100 | **E** info@lvg.com | **I** uvex-laservision.de

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WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
730 - <780	(OD1+)	DIRM LB1
780 - <808	(OD2+)	DIRM LB2
808 - 840	(OD3+)	DIRM LB3
>840 - 870	(OD4 +)	DIRM LB4 (OD4 +)
>870 - 885	(OD5+)	DIRM LB5
>885 - 900	(OD6+)	DIRM LB6
>900 - 950	(OD7+)	DIRM LB7
>950 - 1000	(OD8+)	D LB7 + IRM LB8
>1000 - 1400	(OD9+)	D LB7 + IR LB8 + M LB9
>1400 - 3500	(OD5+)	DI LB5 + RM LB4
>3500 - 25000	(OD10+)	DIM LB5 + R LB3Y

DIN EN 60825-4

950-1399nm | 143 kW/m^2 | T2 | t_{max} = 105s
3000-25000nm | 221 kW/m^2 | T2 | t_{max} = 105s

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