

Mineral Glass

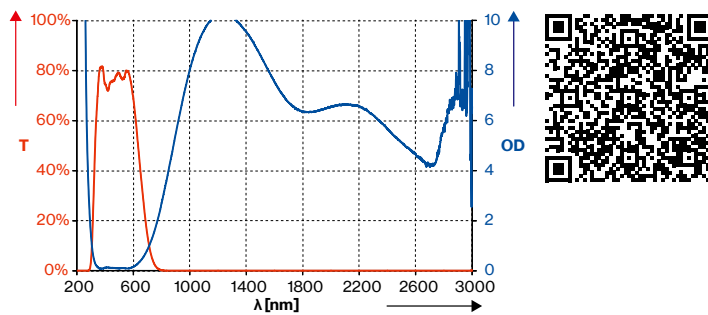
Laser Safety Windows

Window T1K02



- Standard filter for IR laser, disc and fibre lasers
- High VLT

Transmission-/OD Curve T1K02**



Window	T1K02
	Full Protection
Colour	Light Grey
Filter Material	Mineral Glass
Filter technology	Absorption Filter
Certification	CE
VLT (approx.)	70%
Visual Brightness	Very Good
Colour View	Excellent
Filter Thickness	approx. 5–6 mm*

Protection according to DIN EN 60825-4:2011				Ø 50 mm
	950–1399 nm	143 kW/m²	T2	t _{max} =105 s
	3000–25000 nm	221 kW/m²	T2	t _{max} =105 s

Wavelength	[nm]	OD	Protection level {10 sec.}
	950–1000	5+	DIR LB5
	>1000–1050	7+	D LB6 + IR LB7
	>1050–1400	8+	D LB6 + IR LB8
	>1400–2700	4+	D LB4 + IR LB3
	>2700–3000	4+	DI LB4
	5400	4+	DI LB4
	10600	4+	DI LB4

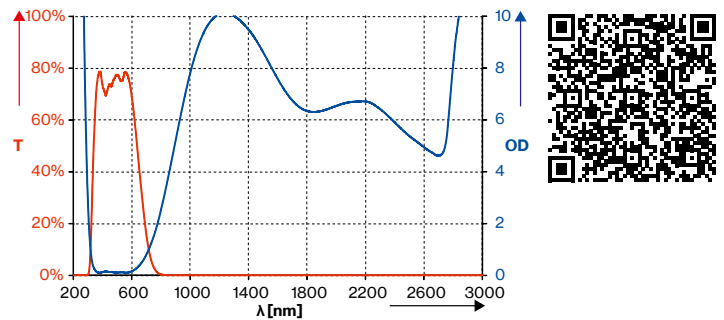
Dimension	[mm]	Art. Number
	200×100	000.T1K02.1001

Window T1K03



- High power filter for IR laser, disc and fibre lasers
- High protection rating

Transmission-/OD Curve T1K03**



Window	T1K03
	Full Protection
Colour	Light Grey
Filter Material	Mineral Glass
Filter technology	Absorption Filter
Certification	CE
VLT (approx.)	66%
Visual Brightness	Very Good
Colour View	Excellent
Filter Thickness	approx. 5–8 mm*

Protection according to DIN EN 60825-4:2011				Ø 50 mm
	1000–2100 nm	265 kW/m²	T2	t _{max} =105 s
	3000–25000 nm	284 kW/m²	T2	t _{max} =105 s

Wavelength	[nm]	OD	Protection level {10 sec.}
	900 – 1000	4+	DIRM LB4
	>1000–1050	7+	DIRM LB7
	>1050–1400	8+	D LB7 + IR LB8 + M LB8Y
	>1400–2100	5+	DI LB5 + R LB3Y + M LB3
	>2100–25000	4+	DI LB4 + R LB3Y + M LB4

Dimension	[mm]	Art. Number
	200×100	000.T1K03.1001
	297×210	000.T1K03.1002