

# EU-Declaration of Conformity

The Manufacturer

PROTECT-Laserschutz GmbH  
Mühlhofer Hauptstraße 7  
D-90453 Nürnberg

declares the sole responsibility for the creation of this declaration of conformity for the following laser protection filter:

Item number	Filter	Thickness [mm]	Colour of filter
100-K0242-3-XXX	0242	3	Green
100-K0242-6-XXX	0242	6	Green
100-K0242-8-XXX	0242	8	Green

The filter is in conformity with the provisions of the Council Directive 2006/42/EG (Annex I – 1.5.12. laser radiation and annex V safety components) and with the harmonized standards: EN 12254 and EN 60825-4

## Marking according to EN 12254

D AB7 + IR AB2	180-315	(OD 7+)
DIR AB5	>315-365	(OD 10+)
DIR AB5	>365-420	(OD 8+)
DIR AB5	>420-430	(OD 7+)
DIR AB5	>430-434	(OD 5+)
DIR AB4	>434-443	(OD 4+)
DIR AB3	>443-448	(OD 3+)
DIR AB2	>448-452	(OD 2+)
DIR AB1	>452-461	(OD 1+)
DIRM AB1	710-755	(OD 1+)
DIRM AB2	>755-785	(OD 2+)
DIRM AB3	>785-805	(OD 3+)
DIRM AB4	>805-830	(OD 4+)
DIRM AB5	>830-860	(OD 5+)
DIRM AB6	>860-880	(OD 6+)
D AB6 + IRM AB7	>880-900	(OD 7+)
D AB6 + IR AB7 + M AB8	>900-1070	(OD 8+)
DIRM AB6	>1070-1075	(OD 6+)
DIRM AB5	>1075-1080	(OD 5+)
DIRM AB4 (OD 4+)	>1080-1090	(OD 4+)
DIRM AB3 (OD 3+)	>1090-1100	(OD 3+)
DIRM AB2 (OD 2+)	>1100-1115	(OD 2+)
D AB2 (OD 2+)	>2225-11000	(OD 2+)
PF CE		

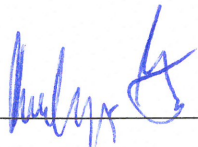
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Marking according to EN 60825-4

Wavelength [nm]	Testing Class	Maximum Resistance time $t_{max}$ [s]	Power density [kW/m <sup>2</sup> ]	Dicke [mm]
860 - 1075	T3	15	550	
860 - 1075	T2	110	97	3
860-1075	T3	35	550	
860-1075	T2	105	130	6 and 8 mm

The signing person is responsible for the acquisition of the technical documents.

Nuremberg, 10/01/2022



Rüdiger Fröbel  
General Manager  
PROTECT-Laserschutz GmbH