laservision

laser safety spectacle F18P1L12

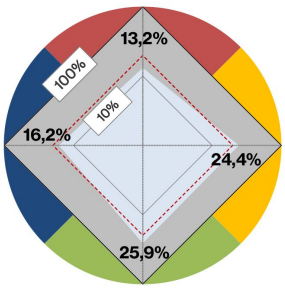
Articlenumber: F18P1L121003
GTIN: 4050369053045
Unit: 1 Stück
Weight incl. packaging 0,23 kg
Weight excl. packaging: 0,04 kg

Highlights

- LB Protection levels acc. to EN 207
- Especially suitable for UV-laser, IR-diode-laser, disc-, Nd:YAG, fiber- and Alexandrite-lasers
- Broad band filter for medical applications
- Good colour view and high VLT
- Available in the F18, F22, F42, F46
- In the sportive shield eyewear F29 and F47 also available

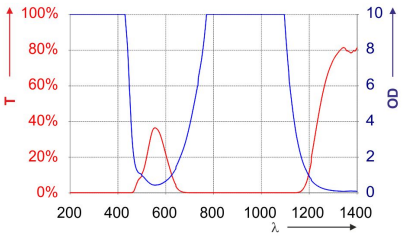
The laser safety goggle F18.P1L12.1003 with flex temples is especially suitable for UV-laser, IR-diode laser, disc-, Nd:YAG, fiber- and Alexandrite-lasers. It is deemed to be a broadband filter for medical applications. It possesses within the area 180nm up to 1100 nm full protection level acc. to AN 207 and also features M-protection ratings within the complete area. The eyewear comes in a sustainably produced hexagonal cardboard box, along with a microfiber pouch and a cord to hang the goggles on. For a professional cleaning of laser safety spectacles laservision recommends the cleaning station (A99.CLSTA.1300).

Color view



Transmission der Signalfarben nach DIN EN 172 //
transmission of signal colours acc. to EN 172

Filtercurve



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

COATING:	no coating
CUSHION:	No cushion
FILTER:	P1L12
FILTER COLOUR:	Light green
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 2mm
FRAME:	F18
FRAME TYPE:	OTG with temples
PROPERTIES:	Lightweight, M-protection rating
PROTECTION CLASS / NORM:	EN 207 full protection, EN 208 Alignment protection
PROTECTION RANGE:	near infrared, visible, ultraviolett
VLT (APPROX.):	30%
VISUAL BRIGHTNESS:	Good
COLOUR RECOGNITION:	Good

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WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
185 - 315	(OD10+)	D LB10 + IR LB4 + M LB6Y
>315 - 418	(OD8+)	D LB6 + IRM LB8
>418 - 437	(OD6+)	DIRM LB6
>437 - 449	(OD4+)	DIRM LB4
630 - 650	(OD1-2+)	0,01W 2x10E-6J RB1
755 - <940	(OD8+)	D LB6 + IRM LB8
940 - 1073	(OD10+)	D LB6 + I LB9 + R LB8 + M LB10
>1073 - 1085	(OD8+)	D LB6 + IRM LB8
>1085 - 1099	(OD6+)	DIRM LB6
>1099 - 1108	(OD5+)	DIRM LB5

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