laservision

laser safety spectacle F18P1P18

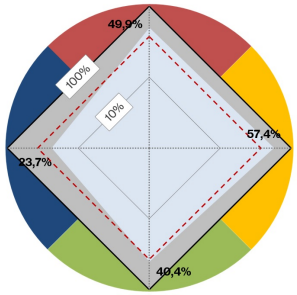
Highlights

- protection levels are certified acc. EN 207
- full protection within the UV, VIS, NIR and IR range
- suitable for diode laser at 808 to 1064nm, for UV-laser, blue lasers and Nd:YAG-laser
- disc- and fiberlaser as well as CO_2
- available in the frames F18/**F22**/**F27**/**F29** and **F42**
- very good daylight transmission (app. 47% VLT)
- good color view

Article number: F18P1P181001
GTIN: 4050369050648
Unit: piece
Weight incl. packaging: 0,23 kg
Weight excl. packaging: 0,04 kg

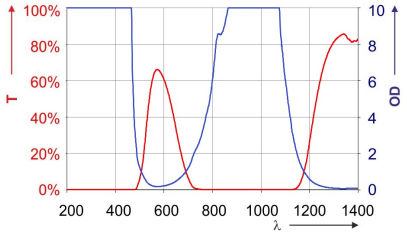
The laser safety glasses F18.P1P18.1001 are suitable for diode lasers in the range 808 to 1064nm as well as for UV-, blue, NdYAG, disc and fiber lasers and CO_2 lasers. The laser safety glasses from laservision can also be used in the medical sector, especially for applications with dental, surgical and dermatological lasers. It can be worn as over-glasses on corrective lenses. The continuous, one-piece protection filter ensures the best all-round visibility without being restricted by a frame. The F18 frame stands out for its light weight and perfect fit for almost any head shape. The delivery takes place in a soft case together with a cord for putting on the glasses. For a professional cleaning of laser safety spectacles laservision recommends the cleaning station (A99.CLASTA.1200).

Color view



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

Filter curve



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

COATING:	no coating
PROTECTION CLASS / NORM:	EN 207 full protection
CUSHION:	No cushion
FRAME TYPE:	OTG with temples
PROPERTIES:	Lightweight
FRAME:	F18
FILTER:	P1P18
FILTER COLOUR:	Gold
COLOUR RECOGNITION:	Good
FILTER THICKNESS:	ca. 2mm
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
PROTECTION RANGE:	Infrared near infrared ultraviolett visible
VISUAL BRIGHTNESS:	Very good
VLT (APPROX.):	47%

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

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laser safety spectacle F18P1P18

WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
185 - 315	(OD10+)	D LB10 + IR LB4 + M LB6
>315 - 466	(OD8+)	D LB6 + IR LB8 + M LB8Y
>466 - 468	(OD7+)	D LB6 + IRM LB7
>468 - 470	(OD6+)	DIRM LB6
>470 - 472	(OD5+)	DIRM LB5
>472 - 475	(OD4+)	DIRM LB4
780 - <795	(OD4+)	DIRM LB4
795 - <800	(OD5+)	DIRM LB5
800 - <813	(OD6+)	DIRM LB6
813 - <847	(OD7+)	D LB6 + IRM LB7
847 - <864	(OD8+)	D LB6 + IRM LB8
864 - <880	(OD9+)	D LB6 + IR LB8 + M LB9
880 - 1070	(OD10+)	D LB6 + IR LB8 + M LB10
>1070 - 1075	(OD9+)	D LB6 + IR LB8 + M LB9
>1075 - 1080	(OD8+)	D LB6 + IRM LB8
>1080 - 1087	(OD7+)	D LB6 + IRM LB7
>1087 - 1100	(OD6+)	DIRM LB6
>1100 - 1108	(OD5+)	DIRM LB5
>1108 - 1115	(OD4+)	DIRM LB4
5250 - 14000	(OD5+)	DI LB4 + R LB3Y
10600 - 10600	(OD8+)	DI LB4 + R LB3Y