

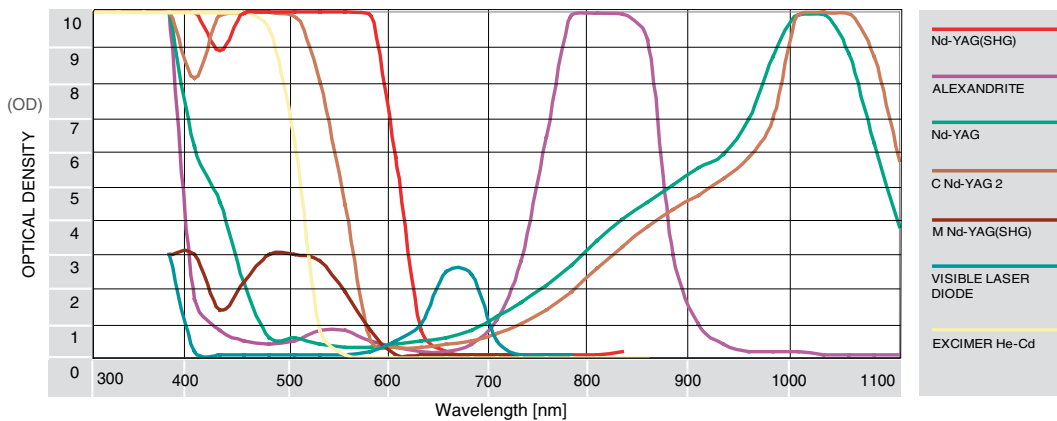
Laser Eye Protection

- Protective eyewear for wavelengths for 190 to 10,600nm
- Filter code name and wavelength printed on glasses
- Eyewear for both single and multi-band wavelengths
- Polycarbonate material with hard coating
- Laser shield windows and curtains in various sizes

The Laser safety glasses and goggles are made of a polycarbonate with a hard coating. They provide protection for use with many common lasers. We offer both single and multi-band wavelength glasses. The glasses have a plastic frame with spring hinges to provide a stable and snug fit. The snug fitting design of the goggles can be worn over your prescription eyewear.



Use the table and chart below to select the proper product for your laser. The laser type, wavelength and blocking requirements should be considered to insure the proper selection to meet your needs. Please consult your safety officer to aid you in the selection process.



Laser Eye Protection

Applicable Laser	Wavelength (nm)	Color Transmittance	Optical Density	Type	Price	PART NUMBER
Excimer He-Cd	190 ~ 442	Yellow 80%	> 5 > 5	Glass		099- 6110
Nd-YAG(SHG)	532	Red 16%	> 5	Glass		099-6115
Laser Diode	750 ~ 800 800 ~ 850	Pink 30%	> 4 ~ 10 >10 ~ 4	Glass		099-6120
Alexandrite Ti-Sapphire	755 750 ~ 850		> 6 > 4			
Nd-YAG CO2	1064 10600	Green 50%	> 5 > 5	Glass		099-6125
Nd-YAG(FHG) Nd-YAG(THG) Nd-YAG(SHG) Nd-YAG	266 355 532 1064	Orange 40%	> 5 > 5 > 4 > 5	Glass		099-6130
Nd-YAG(SHG)	532	Red 30%	> 2	Glass		099-6135

ORDERING
&
TECHNICAL SUPPORT
(949) 851-5881
FAX (949) 851-5058
E-MAIL
sales@optosigma.com
WEB
www.optosigma.com

Laser Eye Protection (Continued)

Applicable Laser	Wavelength (nm)	Color Transmittance	Optical Density	Type	Price	PART NUMBER
He-Ne Laser Diode	632.8 660 ~ 680	Blue 55%	> 1.4 > 2	Glass		099-6140
Nd-YAG(SHG) Laser Diode	532 400 ~ 532	Red 16%	> 5 > 5	Goggle		099-6010
Laser Diode	750 ~ 800 800 ~ 850	Pink 30%	> 4 ~ 10 > 10 ~ 4	Goggle		099-6015
Alexandrite Ti-Sapphire	755 750 ~ 850		> 6 > 4			
Nd-YAG CO2	1064 10600	Green 50%	> 6 > 5	Goggle		099-6020
Nd-YAG(FHG) Nd-YAG(THG) Nd-YAG(SHG) Nd-YAG	266 355 532 1064	Orange 40%	> 5 > 5 > 4 > 6	Goggle		099-6025
Nd-YAG(SHG)	532	Red 30%	> 2	Goggle		099-6030
He-Ne Laser Diode	632.8 660 ~ 680	Blue 55%	> 1.4 > 2	Goggle		099-6035

OptoSigma Corporation does not accept any liability or responsibility for any laser safety issues. Assistance in the selection of your eyewear does not transfer any liability or responsibility to the OptoSigma Corporation. The data supplied by the customer may be inaccurate and the method of usage of the laser source, eyewear, curtains or windows may differ from that described. Your official laser safety officer should check all calculations and the buyer must satisfy themselves of the correct product specification prior to purchasing.

ORDERING
&
TECHNICAL SUPPORT
(949) 851-5881
FAX (949) 851-5058
E-MAIL
sales@optosigma.com
WEB
www.optosigma.com