

## Made to Order : Laser safety eyewear

The following products are available with a lead time of normally 6-7 weeks. Lead time will be confirmed when order is placed.  
Order of single units is possible

Wavelength range*	Filter Number	Filter Description	Filter material Filter colour	Optical Density	EN 207 : 2009 certification					Frame	P/N	ANTI-FOG COATED	ANTI-SCRATCH COATED
					Wavelength nm	D LB	I LB	R LB	M LB				
UV-visible		RGB	glass orange 12%	<i>not marked with ODs</i>	315-540	4	4	4	4	BM Low	B-S000000-4017.436	-	-
					620-740	4	4	4	4				
					315-540	4	4	4	4	KB Low	B-205413-0000.007	-	-
					620-740	4	4	4	4				
					Wavelength nm	D LB	I LB	R LB	M LB				
visible	124	Dye	polymer blue 25%	591 - 597nm OD> 4.9 592-596nm OD > 5.2	591 - 597	3	4	-	-	LGF	31-30124	-	anti-scratch
					Wavelength nm	D LB	I LB	R LB	M LB				
visible-IR	174	405-1070nm with alignment	polymer green 21%	OD>4 @ 405 & 670nm OD 2-3 @ 635-638nm OD>3 @ 650-655nm OD>4 @ 670nm OD>2 @ 785nm OD>5 @ 810nm OD>6 @ 905nm	315 - 430 D LB4	4	-	-	-	Encore	31-21174		anti-scratch
					635 - 645 D LB2	2	-	-	-				
					>645 - <670 D LB3	3	-	-	-				
					670 D LB4	4	-	-	-				
					>670 - 685 D LB2	2	-	-	-				
					785 - 800 D LB4	4	-	-	-				
					>800 - 900 D LB5	5	-	-	-				
					>900 - 1070 D LB6	6	-	-	-				
					Wavelength nm	D LB	I LB	R LB	M LB				
visible-IR		Kr-Diode	glass blue 22%	<i>not marked with ODs</i>	600-635	2	2	2	-	KB Low	B-205413-0000.006	-	-
					> 635-665	3	3	3	-				
					> 665-710	4	4	4	-				
					> 710-900	5	5	5	-				
					> 900-1000	4	4	4	-				
					> 1000-1100	3	3	3	-				
					Wavelength nm	D LB	I LB	R LB	M LB				
IR		Diode-Nd:YAG	glass light blue 63%	<i>not marked with ODs</i>	680-700	3	3	3	3Y	BM Low	B-S000000-4013.436	To be discontinued. Only available as long as stock lasts.	
					> 700-720	4	4	4	4Y				
					> 720-750	5	5	5	5Y				
					> 750-1100	5	7	6	6Y				
					> 1100-1200	5	6	6	-				
					> 1200-1260	4	4	4	-				
					680-700	3	3	3	3Y	KB Low	B-205413-0000.002	-	-
					> 700-720	4	4	4	4Y				
					> 720-750	5	5	5	5Y				
					> 750-770	5	7	7	7Y				
					> 770-1090	5	8	8	7Y				
					> 1090-1200	5	6	6	6Y				
					> 1200-1260	4	4	4	4Y				
visible	106	Alexandrite	polymer pink 35%	705-715nm OD>3 755nm OD>7 715-810nm OD>4	715 - 721	4	4	-	-	Flex Seal	31-70106	anti-fog	anti-scratch
					722 - 773	5	6	-	-				
					774 - 780	4	4	-	-				
IR	104	Diode 1	polymer light pink >40%	780-840nm OD>7 755-855nm OD>4	780-840	5	7	7	6	Rio	31-23104	-	anti-scratch
										Flexseal	31-70104	anti-fog	anti-scratch

					Wavelength nm	D LB	I LB	R LB	M LB				
Visible-IR	181	645 - 1065	polymer green 22%	400-440 OD>3	400 - 440	3	-	-	-	Encore	31-21181	-	anti-scratch
				645-665 OD>3	645 - 665	3	-	-	-				
				658 OD>4	658	4	-	-	-				
				775-950 OD>4	775 - 950	4	4	4	-				
				810 + 904 OD>5	810 + 904	5	5	5	-				
>950-1065 OD>5	>950 - 1065	5	5	5	-								
					Wavelength nm	D LB	I LB	R LB	M LB				
Visible-IR	184	blue, red IR	polymer green 21%	OD>5 @ 435-450nm	435-450	5	-	-	-	Encore	31-21184	-	anti-scratch
				OD>3 @ 450-455nm	>450-455	3	-	-	-				
				OD>1 @ 650-665nm	650-665	1	-	-	-	XC	31-80184	-	anti-scratch
				OD>5 @ 955-1075nm	960-1070	5	-	-	-				
					Wavelength nm	D LB	I LB	R LB	M LB				
UV-visible-IR	111	Argon/NdGa	polymer brown 8%	190-520nm OD>9	190-315	8	4	4	-	Encore	31-21111	-	anti-scratch
				521-532nm OD>7	>315-532	6	7	5	-				
				710-749nm OD>3	710 - 750	3	3	3	3				
				750-799nm OD>5	>750 - 800	5	5	5	5				
				800-1080nm OD>8	>800 - 1080	6	7	5	-				
				10600nm OD>5	190 - 315	8	4	4	-	Rio	31-23111	-	anti-scratch
					>315 - 532	6	7	7	7				
					710 - 750	3	3	3	3				
					>750 - 800	5	5	5	5				
					>800 - 1080	6	8	8	8				
					Wavelength nm	D LB	I LB	R LB	M LB				
UV-visible-IR		Nd:YAG + Harmonics	glass reddish brown 26%	not marked with ODs	180-315 nm	8	4	4	-	BM Low	B-S000000-4013.447	-	-
					> 315-400	5	5	5	-				
					> 400-532	5	5	5	5				
					900-980	3	3	3	3				
					> 980-1040	4	4	4	4				
					> 1040-1100	5	5	5	5	KB Low	B-205713-0000.001	-	-
					> 1100-1400	5	5	5	-				
					180-315	9	4	4	-				
					> 315-532	5	5	5	5				
					900-980	3	3	3	3				
> 980-1040	4	4	4	4									
> 1040-1400	5	5	5	5									
					Wavelength nm	D LB	I LB	R LB	M LB				
IR	162	High Transmission HT-YAG & Diodes	polymer green 57%	200-400nm OD>8	315 - 400	6	6	6	6	Flex Seal	31-70162	-	anti-scratch
				401-415nm OD>5	800 - 825	6	6	6	-				
				800-825nm OD>6	>825 - 835	5	5	5	-				
				920-1064nm OD>6	910 - 920	5	5	5	5				
				10600nm OD>6	>920 - 1064	6	6	6	6				
					10600	3	3	-	-				
					Wavelength nm	D LB	I LB	R LB	M LB				
IR	40	Crystal Clarity 755-2850nm	glass/dielectric light grey 72%	755 - 810nm OD>5	755 - 810	5	5	5	-	New York	B-61040	-	-
				950-2300nm OD>4	950 - 1040	4	4	4	-				
				1040-1550nm OD>5	>1040 - 1400	5	5	5	-				
				2850-10600nm OD>4	>1400 - 2300	4	4	-	-				
				10600nm OD>5	>2850 - 3000	4	4	4	-				
					>3000 - 11000	3	3	-	-				

					<i>Wavelength nm</i>	<i>D LB</i>	<i>I LB</i>	<i>R LB</i>	<i>M LB</i>				
IR		Nd:YAG-Ho-Er-CO2	glass grey >70%	<i>not marked with ODs</i>	900-940	5	5	5	5Y	BM Low	B-205437-9001.002	-	-
					> 940-1000	5	6	6	6Y				
					> 1000-1100	5	7	6	6Y				
					> 1100-1400	5	7	6	-				
					> 1400-3000	3	2	-	-				
					9000-10600	3	2	-	-				
					900-940	5	5	5	5Y				
					> 940-1000	5	6	6	6Y				
					> 1000-1400	5	8	8	7Y				
					> 1400-3000	3	4	-	-				
9000-11500	3	4	-	-									
					<i>Wavelength nm</i>	<i>D LB</i>	<i>I LB</i>	<i>R LB</i>	<i>M LB</i>				
IR	131	High Transmission Erbium - Diode	polymer yellow 72%	810nm OD > 6 808 - 820nm OD > 5 821 - 830nm OD >3 2775 - 3780nm OD > 7	808 - 810	5	6	-	-	XC	31-80131	anti-fog	anti-scratch
					821 - 830	3	3	-	-				
					2775 - 3000	3	3	-	-				
IR	100	CO2 clear	polymer clear >89%	9000-11000nm OD>5 10600 OD>7	9000 - 11000	3	3	-	-	Flexseal	31-70100	anti-fog	anti-scratch