

Laser Physics UK Ltd - Laser safety Filters

Filter Description	Filter material, Colour, VLT	Optical Density	EN 207:2009 certification	Frame	Part Number
Excimer-CO2	Polymer light pink 70%	190-380 OD>9 9000-11000 OD>5	180 - 315 D LB 7 + IR LB 4 9000 - 11000 D LB 3	LGF	GPT-3988
Argon/KTP	Polymer Orange 50%	190-532 OD7	180 - 315 D LB 8 + IR LB 4 >315 - 532 D LB 6 + I LB 7 + R LB 5 180 - 315 D LB 8 + IR LB 4 >315 - 532 D LB 6 + IR LB 7	Encore	GPT-21103
				LGF	GPT-30103
				Flex Seal	GPT-70103
				XC	GPT-80103
Ar-Kr-Cu-Diode	Glass Red 16%	<i>not marked with ODs</i>	180-315 D LB8 + IR LB4 >315-400 D LB5 + I LB7 + R LB6 >400-545 D LB5+ILB7+RLB6+MLB6Y >545-560 D LB5 + IRM LB6 >560-565 DIRM LB5 >565-570 DIRM LB4	BM Low	GPT-61300
				KB Low	GPT-91300
RGB	Glass Orange 12%	<i>not marked with ODs</i>	315-540 DIRM LB4 620-740 DIRM LB4	BM Low	GPT-S000000-4017.436
				KB Low	GPT-205413-0000.007
Dye	Polymer Lilac 25%	591-597nm OD >4.9 592-596nm OD >5.2	591 - 597 D LB 3 + I LB 4	LGF	GPT-30124
PDT	Polymer Blue 18%	585-605nm OD >2 610-695nm OD >4	610 - 690 DI LB4	Encore	GPT-21116
				Flex Seal	GPT-70116
				LGF	GPT-30116
Ruby Plus	Polymer Violet 16%	689-782nm OD>7 681-789nm OD>5	681 - <689 DIR LB5 689 - 782 D LB5 + IR LB7 >782 - 789 DIR LB5	LGF	GPT-30115 <i>Was GPT-4005</i>
Therapy	Polymer Green 12%	630 - 730 OD>4 770 - 1070 OD>4	630-730 DIR LB 4 770-1070 DIR LB 4	Encore	GPT-21128
Therapy II	Polymer Green 28%	650-660 OD>2 785-950 OD>4 951-1064 OD>5	650 - 660 D LB2 785 - 950 DIR LB4 810 + 904 DIR LB5 951 - 1065 DIR LB5	Encore	GPT-21160
Alexandrite	Polymer Pink 35%	705-715nm OD>3 755nm OD>7 715-810nm OD>4	715 - 721 DI LB 4 722 - 773 D LB 5 + I LB 6 774 - 780 DI LB 4	LGF	GPT-3990
red-NEW IR	Polymer Grey 20%	650-665nm OD>1 955-1070nm OD>5	650-665 D LB 1 960-1070 D LB 5	Encore	GPT-21185
				XC	GPT-80185
HT-Nd:YAG + Harmonics	Polymer Light brown 35%	190-532nm OD7 800-839nm OD3 840-864nm OD>4 865-1063nm OD>5 1064nm OD7	315-532 D LB5 + IR LB6 800-839 DIR LB3 840 - 864 DIR LB4 865-1063 DIR LB5 1064 D LB6 + IR LB7	XC	GPT-80102

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YAG/KTP OD8	Polymer Brown 22%	190-532nm OD>8 1070-1080nm OD>6 845-899nm OD>5 820-844nm OD>4 900-1070nm OD>8	190-315 D LB8 + IR LB4 315-532 D LB6 + IRM LB8 900-925 D LB6 + IRM LB7 >925-1065 D LB6 + IRM LB8 >1065-1080 DIRM LB6	XC	GPT-80171
			190-315 D LB8 + IR LB4 315-532 D LB6 + IRM LB8Y 900-925 D LB6 + IRM LB7Y >925-1065 D LB6 + IRM LB8Y >1065-1080 DIRM LB6Y	Rio	GPT-23171
Argon/NdGa	Polymer Brown 8%	190-520nm OD>9 521-532nm OD>7 710-749nm OD>3 750-799nm OD>5 800-1080nm OD>8 10600 OD>5	190-315 D LB8 + IR LB4 >315-532 D LB6 + IRM LB7 710 - 750 DIRM LB3 >750 - 800 DIRM LB5 >800 - 1080 D LB6 + IRM LB8	LGF	GPT-3983
			190-315 D LB8 + IR LB4 >315-532 D LB6 + IRM LB7 >750 - 800 DIRM LB5 > 800-1080 D LB6 + IRM LB8	XC	GPT-80111
			190-315 D LB8 + IR LB4 >315-532 D LB6 + IRM LB7 710 - 750 DIRM LB3 >750 - 800 DIRM LB5 >800 - 1080 D LB6 + IRM LB8	Flex Seal	GPT-70111
			190-315 D LB8 + IR LB4 >315-532 D LB6 + I LB7 + RLB5 710 - 750 DIRM LB3 >750 - 800 DIRM LB5 >800 - 1080 D LB6 + I LB7 + RLB5	Encore	GPT-21111
			190-315 D LB8 + IR LB4 >315-532 D LB6 + IRM LB7 710 - 750 DIRM LB3 >750 - 800 DIRM LB5 >800 - 1080 D LB6 + IRM LB8	Rio	GPT-23111
Nd:YAG + Harmonics	Glass Reddish brown 26%	<i>not marked with ODs</i>	180-315 D LB8 + IR LB4 >315-400 DIR LB5 >400-532 DIRM LB5 >900-980 DIRM LB3 >980-1040 DIRM LB4 >1040-1100 DIRM LB5 >1100-1400 DIR LB5	BM Low	GPT-64300
			180-315 D LB9 + IR LB4 >315-532 DIRM LB5 >900-980 DIRM LB3 >980-1040 DIRM LB4 >1040-1400 DIRM LB5	KB Low	GPT-94100
Kr-Diode	Glass Blue 22%	<i>not marked with ODs</i>	600-635 DIR LB2 >635-665 DIR LB3 >665-710 DIR LB4 >710-900 DIR LB5 >900-1000 DIR LB4 >1000-1100 DIR LB3	KB Low	GPT-91100

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Diode 1	Polymer Light pink >40%	780-840nm OD>7 755-855nm OD>4	780-840 DR LB5 + I LB7 + M LB6	Encore	GPT-21104
			780 - 840 D LB5 + IR LB7 + M LB6	LGF	GPT-3986
				FlexSeal	GPT-70104
				Rio	GPT-23104
Crystal Clarity 1064/532	Glass Dielectric Pink 50%	532 OD6 1064 OD6	532 DIR LB 6 1064 DIR LB 6	New York	GPT-61200
Alex-Diode-YAG	Polymer Green-brown 32%	755-765 OD>6 800-815 OD>6 1064 OD>6	755-765 DIR LB 6 800-815 DIR LB 6 1064 DIR LB 6	XC	GPT-80182
645-1065	Polymer Green 22%	400-440nm OD>3 645-665nm OD>3 658nm OD>4 775-950nm OD>4 810 + 904nm OD>5 >950-1065nm OD>5	400-440 D LB3 645-665 D LB3 658 D LB4 775-950 DIR LB4 810 + 904 DIR LB5 >950-1065 DIR LB5	Encore	GPT-21181
				Rio	GPT-23181
i-lipo	Polymer Green 22%	OD>1 @ 630-640nm OD>2 @ 645-665nm OD>4 @ 658nm OD>4 @ 775-795nm	645-665nm D LB2 + 658 D LB 4 775-795nm D LB2 + 785 D LB 4	Encore Small	GPT-20181CG
blue, red IR	Polymer Green 21%	435-450nm OD>5 450-455nm OD>3 650-665nm OD>1 955-1075nm OD>5	435-450 D LB5 >450-455 D LB3 650-665 D LB1 960-985 DIR LB5	Encore	GPT-21184
				XC	GPT-80184
HT-Diode/YAG	Polymer Green 57%	OD>8 @ 200-400nm OD>5 @ 401-415nm OD>6 @ 800-825nm OD>6 @ 920-1064nm OD>6 @ 10600nm	315 - 400 DIRM LB 6 800 - 825 DIR LB 6 + M LB 5 >825-835 DIRM LB 5 910 - 920 DIRM LB 5 >920 - 1064 DIRM LB 6 10600 DI LB 3	XC	GPT-80162
			315 - 400 DIRM LB 4 800 - 825 DIR LB 6 >825 - 835 DIR LB 5 >920 - 1064 DIRM LB 6 10600 DI LB 3	LGF	GPT-30162
			315 - 400 DIRM LB 6 800 - 825 DIR LB 6 >825-835 DIR LB 5 910 - 920 DIRM LB 5 >920 - 1064 DIRM LB 6 10600 DI LB 3	FlexSeal	GPT-70162
			315-400 DIM LB 6 + R LB 5 800-825 DI LB 6 + R LB 5 >825 - 835 DIR LB 5 >920-1064 DIM LB 6 + R LB 5 10600 DI LB 3	Encore	GPT-21162
Crystal Clarity 755-2850	Glass Dielectric Light Grey 72%	755 - 810 OD>5 950-2300nm OD>4 1040-1550nm OD>5 2850-10600 OD>4 10600 OD>5	755 - 810 DIR LB5 950 - 1040 DIR LB4 >1040 - 1400 DIR LB5 >1400 - 2300 DI LB4 >2850 - 3000 DI LB4 >3000 - 11000 DI LB3	Encore	GPT-21040

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Diode-Nd:YAG	Glass Light Blue >50%	690-1320nm OD>5 720-1220nm OD>7	720-1220 DIM LB 6 + R LB 5	Encore	GPT-21070
Diode-Nd:YAG	Glass Light Blue 63%		680-700 DIR LB3 + M LB3Y > 700-720 DIR LB4 + M LB4Y > 720-750 DIR LB5 + M LB5Y > 750-1100 D LB5 + I LB7 + R LB6 + M LB6Y > 1100-1200 D LB5 + IR LB6 > 1200-1260 DIR LB4	BM Low	GPT-60100
			680-700 DIR LB3 + M LB3Y > 700-720 DIR LB4 + M LB4Y > 720-750 DIR LB5 + M LB5Y > 750-1100 D LB5 + IR LB7 + M LB7Y > 770-1090 D LB5 + IR LB8 + M LB7Y > 1090-1200 D LB5 + IR LB6 + M LB6Y > 1200-1260 DIR LB4 + M LB4Y	KB Low	GPT-90001
HT-YAG	Polymer Yellow Green 55%	841-869nm OD > 4 870-919nm OD > 5 920 - 1064nm OD > 7 10600 OD > 7	810 - 840 DIR LB 3 841 - 869 DIR LB 4 870 - 919 DIR LB 5 920 - 1064 D LB 5 + IR LB 7 9000 - 11000 DI LB 3	Rio	GPT-23137
			900 - 919 DIR LB 5 920 - 1065 D LB 5 + IR LB 7	XC	GPT-80137
			870 - 919 DIR LB5 920 - 1064 DR LB5 + I LB7 9000 - 11000 DI LB3	Encore	GPT-21137
			870 - 919 DIR LB5 920 - 1064 D LB5 + IR LB7 9000 - 11000 DI LB3	LGF	GPT-30137
New IR True Colour Vision	Polymer Grey 47%	>1020-1050nm OD>5 >1050-1065nm OD>7 >1065-1070nm OD>6 >1070-1075nm OD>5 >1075-1085nm OD>4	>1020-1050 DIR LB5 + M LB5Y >1050-1065 D LB6 + IR LB7 + M LB7Y >1065-1070 DIR LB 6 + M LB6Y >1070-1075 DIR LB5 + M LB5Y >1075-1085 DIR LB4 + M LB4Y	Encore Reinforced	GPT-21188CL
				XC	GPT-80188
			>1020-1050 DIR LB5 + M LB5Y >1050-1065 D LB6 +I LB7 +R LB5 +M LB6Y >1065-1070 DI LB 6 + R LB5 + M LB6Y >1070-1075 DIR LB5 + M LB5Y >1075-1085 DIR LB4 + M LB4Y	Encore	GPT-21188
New IR True Colour Vision	Polymer Grey 25%	960-1070nm OD>5	960-1070 D LB5	Encore	GPT-21186
				XC	GPT-80186
YAG-Diode	Polymer Yellow-green 45%	OD >8 @ 875-1075 OD >7 @ 1076-1080	920-1065 D LB6 + IRM LB8 > 1065-1080 DIRM LB6	XC	GPT-80170
		OD >8 @ 910-1066 OD >6 @ 1067-1082	920-1065 D LB 6 + IR LB 8 + M LB8Y >1065-1080 DIR LB 6 + M LB6Y	Rio	GPT-23170
Crystal Clarity 925-1064	Glass Dielectric Clear 92%	925 - 1060 OD>5 1064 OD6	925 - 1063 DIR LB 5 1064 DIR LB 6	New York	GPT-61042
			925 - 1063 DIR LB 5 1064 DI LB6 + R LB 5	Encore	GPT-21042

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NdGa:YAG	Polymer Green 32%	770-810nm OD>5 810-1100nm OD>7 1064nm OD>10	770 - 1100 D LB 5 770 - 810 DIR LB 5 >810 - 1080 D LB5 + IR LB 7 9000 - 11000 DI LB 3	LGF	GPT-3982
				FlexSeal	GPT-70108
Nd:YAG-Ho-Er-CO2	Glass Grey 75%	OD>6 @ 950-1000nm OD>7 @ 1000-1060nm OD>8 @ 1060-1400nm OD>4 @ 1400-2600nm OD>3 @ 2600-2800nm OD>4 @ 2800-11000nm	950-1000 DIR LB 6 1000-1060 D LB 6 + IR LB7 1060-1400 D LB6 + IR LB8 1400-2600 DI LB4 2600-2800 DI LB 3 2800-11000 DI LB4	Rio	GPT-23096
			950-1000 DI LB6 + R LB5 1000-1400 D LB6 + I LB7 + R LB5 1400-2600 DI LB4 2600-11000 DI LB3	Encore	GPT-21096
			950-1040 DIR LB6 1000-1060 D LB6 + IR LB7 1060-1400 D LB6 + IR LB8 1400-2600 DI LB4 2600-11000 DI LB3	New York	GPT-61096
			950-1000 DIR LB 6 1000-1060 D LB 6 + IR LB7 1060-1400 D LB6 + IR LB8 1400-2600 DI LB4 2600-2800 DI LB 3 2800-11000 DI LB4	LS6 Goggle	GPT-LS696
Nd:YAG-Ho-Er-CO2	Glass Grey 70%	not marked with ODs	900-1000 DIR LB5 > 1000-1030 DIR LB7 + M LB7Y > 1030-1400 D LB7 + IR LB8 +M LB8Y > 1400-2500 DIR LB5 > 2500-2800 DIR LB4 > 2800-3000 DIR LB5 9000-11500 DI LB5	BM Light	GPT-77000
			900-1000 DIR LB5 > 1000-1030 DIR LB7 + M LB7Y > 1030-1400 D LB7 + IR LB8 + M LB8Y > 1400-2500 DIR LB5 > 2500-2800 DIR LB4 > 2800-3000 DIR LB5 9000-11500 DI LB5	KB AL	GPT-85700
	Polymer Green 16%	804-1300 OD > 3 1064 OD > 5 1300 - 1700 OD > 4 1700 - 1900 OD2	804 - 1400 DIR LB 3 1064 DIRM LB5 >1400 - 1700 DIR LB 3 >1700 - 1900 DIR LB 2	LGF	GPT-2219
			804 - 1400 DIR LB3 1064 DIRM LB5 > 1400 - 1700 DI LB3 >1700 - 1900 DI LB2	Encore	GPT-21107
HT-Erbium-Diode	Polymer Yellow 72%	810 OD > 6 808 - 820 OD > 5 821 - 830 OD >3 2775 - 3780 OD > 7	808 - 810 D LB 5 + I LB 6 821 - 830 DI LB 3 2775 - 3000 DI LB 3	Encore	GPT-21131
			808 - 810 D LB 5 + I LB 6 2775 - 3000 DI LB 3	LGF	GPT-30131
CO2	Polymer Clear 90%	9000-11000nm OD>5	9000-11000 DI LB4	Rio	GPT-23183

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CO2	Polymer Clear 89%	9000-11000nm OD>5 10600 OD>7	9000 - 11000 DI LB 3	LGF	GPT-3984
				FlexSeal	GPT-70100
				Encore	GPT-21100
					9000-11000 DI LB4
CO2	Glass Clear 90%	9000-11000nm OD > 5 <i>not marked with ODs</i>	9000-11000 DI LB5	Rio	GPT-23009
				KB AL	GPT-85400
				BM Light	GPT-77100
				Rio	GPT-77100
Fiber Laser	Blue Glass	OD 7+ @ 200-323nm OD 4+ @ 633-641nm OD 5+ @ 642-650nm OD 6 @ 651-659nm OD 7+ @ 659-1400nm OD 4+ @ 1401-1550	650 IR LB5 1064 R LB7 1550 D LB3	KXL	KEN-KXL-400C-CE
KTP, Alex, Nd:YAG	Glass Dielectric Clear 75%	532 OD 7 755-810 OD 7 1064 OD 7 10600 OD 5	532 DL5 + IL7 + RL6 755-810 DL5 + IL7 + RL6 1064 DL5 + IL7 + RL6	KXL	KEN-KXL-C500C-CE
KTP, Alex, Nd:YAG	Glass Dielectric Clear 75%	532 OD 7 755-810 OD 7 810-840 OD 4 950-1700 OD 5	532 DL5 + IL7 + RL6 755-810 DL5 + IL7 + RL6 1064 DL5 + IL7 + RL6	KXL, KBS, KMZ	Kxx-C505C-CE
Vbeam, Vbeam2	Glass Purple 35%	571-594 OD 7+	591-595 I LB7 596 I LB6 597 I LB5	KXL	KEN-KXL-870C-CE
Near IR, Erbium, Nd:YAG, Holmium & CO2	Glass light grey 75%	OD 6+ @ 1540nm	950 – 1000 DIR LB5 >1000 – 1063 DIR LB6 >1063 – 1400 D LB6 + IR LB7 >1400 – 2500 DIR LB4 2900 – 3200 DI LB4 10600 DI LB4	KXL	KEN-KXL-015C-CE
Near IR, Erbium, Nd:YAG, Holmium & CO2	Glass light grey 75%	OD 7+ @ 200-280 OD 3+ @ 850-5200nm OD 7+ 1011-1500nm OD 6+ @ 1540nm OD 5+ @ 2800-10,600nm	950 – 1000 DIR LB5 >1000 – 1063 DIR LB6 >1063 – 1400 D LB6 + IR LB7 >1400 – 2500 DIR LB4 2900 – 3200 DI LB4 10600 DI LB4	KXL	KEN-KXL-017C-CE
Near IR, Erbium, Nd:YAG, Holmium & CO2	Glass light grey 73%		950 – 1000 DIR LB5 >1000 – 1063 DIR LB6 >1063 – 1400 D LB6 + IR LB7 + M LB7Y >1400 – 1700 DIR LB4 2100 - 2200 DI LB4 2900 – 3200 DI LB4 10600 DI LB4	KXL	KEN-KXL-018C-CE
Near IR, Erbium, Nd:YAG, Holmium & CO2	Glass light grey 73%		950 – 1000 DIR LB5 >1000 – 1063 DIR LB6 >1063 – 1400 D LB6 + IR LB7 + M LB7Y >1400 – 1700 DIR LB4 2100 - 2200 DI LB4 2900 – 3200 DI LB4 10600 DI LB4	KXL	KEN-KXL-019C-CE

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	Blue Polymer		635 D LB2	KMT	KEN-KMT-6101-CE
	Blue Polymer 29%		591-595 I LB7 596 I LB6 597 I LB5	KPG	KEN-KPG-8801-CE
Alexandrite, Diode, KTP, Nd:YAG	Polymer Amber 17%		190-315 D LB7 + IR LB4 >315 - 532 DM LB5 + IR LB6 770-850 DIR LB5 >850-1080 D LB5 + IR LB7 5000-11000 DI LB3	KXL	KEN-KXL-6401-CE
KTP, Nd:YAG, Alex, Diode and CO2	Polymer Green 43%		190-315 D LB7 + IR LB4 >315-400 DIRM LB5 770-875 DIR LB4 >875-1080 D LB5 + IR LB7 5000-11000 DI LB3	KXL	KEN-KXL-5151-CE
	Polymer Clear 93%	190-398nm 7+ 9000-11000nm 7+	190-315 D LB7 + IR LB4 >315-398 DIRM LB5 9000-11000 DI LB3		NOI-EC2 -nn
	Polymer Clear 90%	190-380 nm 5+ 9000-11000 nm 7+	190-315 D LB7 + IR LB3 >315-375 DIRM LB5 9000-11000 DI LB4		NOI-EC3-nn
	Polymer Pink 66%	190-410 nm 5+	190-315D LB7 + IR LB4 >315-410 DIRM LB5		NOI-BD1 -nn
	Polymer Yellow 73%	190-450nm 6+ >450-460nm 5+	190-315 D LB8 + IR LB4 >315-460 DIR LB5		NOI-YLW -nn
	Polymer Orange 48%	180nm-532nm 7+	180-315 D LB7 + IR LB4 >315-532 DIRM LB6		NOI-ARG -nn
	Polymer Topaz 45%	190-400nm 5+ 532nm 4+ >520-535nm 3+	532 DIR LB4 520-535 DIR LB3		NOI-AG4-nn
	Polymer Red 15%	190-400nm 7+ 532nm 2+ 561nm 5+	180 – 315 D LB7 + IR LB4 >315 – 390 DIRM LB5 561 D LB5 + IR LB6 0.1W 2*10 ⁻⁵ J 532 RB2 NOIR CE		NOI-ZSY -nn
	Polymer Red 19%	190-400nm 6+ 532nm 6+ 561nm 6+	180-315 D LB7 + IR LB4 >315-390 DIRM LB5 532 + 561 D LB5 + IR LB6		NOI-ZS2-nn
	Polymer Red 25%	190-532nm 6+ 577nm 5+	190-532 DIR LB6 577 DIR LB5		NOI-GRY-nn
	Polymer Red 34%	190-435nm 5+ 532nm 6+ 523-535nm 5+	190-435 + 523-535 DIRM LB5 532 DIRM LB6		NOI-KTP-nn
	Polymer Purple 26%	190-400nm 6+ 575-579nm 5+	180-315 D LB7 + IR LB4 >315-390 DIRM LB5 575-579 DIR LB5		NOI-TRC-nn
	Polymer Purple 15%	190-400 nm 5+ 576-600 nm 5+ 582-598nm 6+ 585-595 nm 7+	180-315 D LB6 + R LB4 >315-395 DR LB4 >575-600 DI LB4 582-598 I LB6 585-595 I LB7		NOI-DYE-nn

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	Polymer Purple 14%	575-595 nm 6+ 585nm 6.6+	575-595 D LB5 + IR LB6		NOI-DY4-nn
	Polymer Green 15%	190-400 nm 5+ 585-<600 nm 6+ 950-1064 nm 6+ >1064-1070nm 5+	585-<590 D LB4 + I LB5 590-600 D LB4 + I LB6 950-1064 D LB5 + IR LB6 >1064-1070 DIR LB5		NOI-DYG-nn
	Polymer Blue 14%	190-400nm 5+ 580-590nm 5+ 585nm 6+ 645-670nm 5+ 650-665nm 6+	580-590 + 645-670 DIR LB5 585 + 650-665 D LB5 + IR LB6		NOI-DY2-nn
	Polymer Aqua 36%	190-400nm 5+ 645-670nm 5+ 650-665nm 6+	645-670 DIR LB5 650-665 D LB5 + IR LB6		NOI-DY3-nn
	Polymer Aqua 25%	532nm 1.8+ 640-680nm 5.3+ 650nm 6.5+	640-665 DLB5 + IR LB6 665-680 DIR LB5		NOI-DY5-nn
	Polymer Aqua 34%	190-400 nm 6+ 659 nm 6+ 655-664 nm 5+	180-315 D LB7 + IR LB4 >315-390 DIRM LB5 655-664 D LB4 + IR LB5 659 D LB5 + IR LB6		NOI-ZS1-nn
	Polymer Blue/Purple 12%	190-400 nm 5+ 625-850 nm 4+ 662-835 nm 5+ 633 nm 5+	180-315 D LB7 + R LB3 >315-395 D LB5 + R LB6 >830-850 DIR LB3 625-830 DR LB4 625-670 + >800-830 I LB4 >670-800 I LB5		NOI-DI4-nn
	Polymer Teal 35%	190-400nm 6+ 615-720nm 3+ 651-670nm 4+ 671-715nm 5+ 680-710nm 6+ 690-700nm 7+	180-315 D LB6 + R LB4 >315-400 DR LB4 >615-660 DIR LB3 >660-665 DIR LB4 >665-715 D LB4 + IR LB5 694 IR LB7		NOI-RB2-nn
	Polymer Teal 56%	190-400nm 5+ 630-665nm 1.5+ 680-710nm 5+ 685-705nm 6+ 694nm 7+	180-315 D LB5 + R LB4 >315-400 D LB4 625-665 DIR LB1 >665-<694 DIR LB2 694-700 D LB4 + I LB7 + R LB6 >700-710 D LB4 + IR LB6 >710-720 DIR LB2		NOI-RB3-nn
	Polymer Grey/Blue 14%	190-400 nm 5+ 675-850 nm 5+ 680-710 nm 6+ 740-835 nm 6+	676-842 DIR LB4 680-710 + 740-835 DIR LB5		NOI-RD2-
	Polymer Green 51%	180-400 nm 5+ 730-760 nm 5+ 750-760 nm 7+	190-315 D LB8 + IR LB4 >315-390 D LB4 + IR LB6 730-760 DIR LB5 745-760 R LB5 750-760 I LB7		NOI-LIA-nn
	Polymer Pink 25%	190-400nm 5+ 720-830nm 7+ 830-840nm 6+	720-840 D LB5 720-830 I LB7 + R LB6 >830-840 I LB6 + R LB5		NOI-ALX-nn

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	Polymer Pink 33%	190-400 nm 6+ 720-810 nm 7+ >810-830 nm 5+	190-315 D LB8 + IRLB4 >315-390 DIRM LB6 720-810 D LB6 + IM LB7 + R LB5 >810-830 DIRM LB5		NOI-AXX-nn
	Polymer Yellow 69%	190-400nm 5+ 800-830nm 5+ 805-825nm 7+	180-315 D LB6 + R LB4 >315-400 D LB5 + IR L6 800-830 D LB4 + IR LB5 805-825 D LB5 + IRM LB7		NOI-
	Polymer Pink 61%	180-390nm 6+ 785-830nm 5+ 800-818nm 6+	180-315 D LB6 + R LB4 >315-390 D LB4 + R LB6 785-800 + >818-830 D LB4 + I LB5 >800-818 DR LB5 + IM LB6 10600 DI LB2		NOI-DI2-nn
	Polymer Pink 49%	180-400nm 6+ 785-830nm 7+	785-830 D LB5 + IR LB7		NOI-DLS-nn
	Polymer Pink 68%	795-820nm 4+	795-820 DIR LB4		NOI-DI8-nn
	Polymer Amber 32%	190-532 nm 6+ 785-830 nm 5+ 800-815 nm 6+	180-315 D LB7 + R LB4 >315-532 D LB4 + IRM LB6 450-532 + 785-830 D LB5 + IRM LB6		NOI-DI3-nn
	Polymer Green 45%	190-420nm 5+ 765-1100nm 5+ 775-1085nm 6+ 790-1080nm 7+	190-315 D LB8 + IR LB4 >315-420 DIR LB5 >420-445 DIR LB4 765-1100 DIRM LB5 775-1085 D LB5 + IRM LB6 790-1080 D LB6 + IRM LB7 950-1085 DIRM LB6		NOI-ML1-nn
	Polymer Green 69%	850-1090nm 3+ 915-1075nm 4+ 965-1065nm 5+	850-1090 DIR LB3 915-1075 DIR LB4 965-1065 DIR LB5		NOI-DD1-nn
	Polymer Yellow 56%	765-1080nm 3+ 780-855nm + 950-1070nm 4+ 795-835nm + 980-1050nm 5+	765-1080 DIR LB3 780-855 + 950-1070 DIR LB4 795-835 + 980-1050 DIR LB5		NOI-DD2-nn
	Polymer Amber 22%	180-534nm 7+ 720-770nm 5+ 750-760nm 7+ 770-850nm 4+ 850-1080nm 5+ 980-1064nm 7+	180-315 D LB7 + IR LB4 >315-400 DIRM LB5 >400-534 D LB5 + IRM LB6 720-770 + >850-1080 DIRM LB5 750-760 + 980-1065 D LB5 + IR LB7 + LB7Y >770-850 DIRM LB4		NOI-TRI-nn
	Polymer Green 36%	190-435nm 5+ 730-1085nm 5+ 755nm 7+ 1064nm 7+	190-315 D LB8 + R LB4 >315-435 D LB4 + IR LB6 730-1085 DIR LB5 745-765 DIR LB6 750-760 D LB6 + IRM LB7 1064 D LB6 +IRM LB7		NOI-CYN-nn
	Polymer Pink 21%	180-400nm 6+ 525-540nm + 1025-1075nm 5+ 1035-1070nm 6+ 532-535nm + 1045-1065nm 7+	190-315 D LB6 + IR LB5 + M LB6Y 316-400 DIRM LB6 525-540 DIRM LB5 532-535 D LB6 + IR LB7 + M LB7Y 1025-1075 DIRM LB5 1035-1070 DIRM LB6 1045-1065 D LB6 + IR LB7 + M LB7Y		NOI-YGH-nn

Filter Description	Filter material, Colour, VLT	Optical Density	EN 207:2009 certification	Frame	Part Number
	Polymer Amber 25%	180-400 nm 6+ 720-1090 nm 5+ 750-1064nm 7+	180-315 D LB6 + R LB4 >315-400 DR LB4 720-725 DM LB5 720-750 + >1064-1075 IR LB5 >725-1075 DM LB6 >750-1064 IRM LB7		NOI-YG2-nn
	Polymer Green 59%	190-400nm 5+ 808-840nm 4+ >840-950nm 5+ >950-1080nm 7+ >1080-1090nm 5+	190-315 D LB8 + IR LB4 + M LB6Y >315-425 DIRM LB5 790-<808 DIRM LB3 808-840 DIRM LB4 >840-950 + >1080-1090 DIRM LB5 >950-1080 D LB6 + IRM LB7		NOI-YG3-nn
	Polymer Green 37%	190-400nm 6+ 750-1120nm 6+ 800-1100nm 7+	190-315 D LB7 + IR LB4 750-800 + >1100-1120 DIR LB6 + M LB6Y 800-1100 D LB6 + IR LB7 M LB7Y		NOI-YG4-
	Polymer Amber 35%	190-534 nm 7+ 850-925 nm 5+ 925-1070 nm 6+ 960-1064 nm 7+	180-315 D LB7 + R LB4 >315-534 D LB5 + IRM LB6 850-925 + >1064-1085 DIRM LB5 >925-980 D LB5 + IRM LB6 >980-1064 D LB6 + IRM LB7		NOI-DBY-nn
	Polymer Amber 22%	190-534nm 7+ 760-1090nm 5+ >850-960nm 6+ >960-1070nm 7+	190-315 D LB7 + IR LB3 >315-532 D LB5 + IRM LB7 760- <770 + >1075-1085 DIR LB5 800-820 + >960-1064 D LB6 + IRM LB7 770- <800 + >820-960 DIRM LB6 >1064-1075 DIRM LB6		NOI-DBD-nn
	Polymer Amber 11%	180-534 nm 7+ 720-730 nm 5+ >730-740nm 6+ >740-1070 nm 7+	180-315 D LB7 + R LB4 >315-534 + 730-740 D LB5 + IRM LB6 >740-1070 D LB6 + IRM LB7		NOI-YAD-nn
	Polymer Green 7%	190-532 nm 5+ 670-690 nm 5+ 900-1070 nm 5+	180-315 D L7 + R L4 >315 - 450 D L4 + IR L6 450-532 D L5 + IR L6 >670-675 DIR L4 >675-690 DIR L6 >690-695 DIR L4 900-1070 DIR L5		NOI-ELX-nn
	Polymer Brown 11%	532 nm 3.5+ 670 nm 3.5+	532, 561, 670 DIR LB3		NOI-LLX-nn
	Polymer Amber 33%	190-400nm 5+ 532nm 3+ 808-850nm 4+ 850-1075nm 5+ 910-980nm 6+ 980-1070nm 7+	180-315 D LB7 + IR LB4 >315-390 DIRM LB5 808-850 DIR LB4 >850-1075 DIR LB5 910-1070 D LB6 + IR LB6 1W 2*10-4 J 532 RB3		NOI-YGN-nn
	Polymer Green 35%	610-664nm 1+ 665-<670nm 2+ 670-690nm 3+ >690-698nm 2+ 735-789nm 1+ 790-<808nm 2+ 808-1050nm 3+ >1050-1080nm 2+	610-664 + 735-789 DIR LB1 665-<670 + >690-698 DIR LB2 670 + 808-1050 DIR LB3 790-<808 + >1050-1080 DIR LB2		NOI-DI6-nn

Filter Description	Filter material, Colour, VLT	Optical Density	EN 207:2009 certification	Frame	Part Number
	Polymer Tan 58%	780-<800nm 2+ 800-890nm 3+ >890-920nm 2+	780-<800 + >890-920 DIR LB2 800-890 DIR LB3		NOI-TP1-nn
	Polymer Blue 36%	650-<655nm 2+ 655-685nm 3+ >685-690nm 2+ 770->785nm 2+ 785-830nm 3+ >830-845nm 2+	655-685 + 785-830 DIR LB3 650-<655 + >685-690 DIR LB2 770-<785 + >830-845 DIR LB2		NOI-TP2-nn
	Polymer Orange 40%	190-430nm 5+ 430-445nm 3+ 532nm 3+ 805-825nm 3+ >825-950nm 2+ >950-1064nm 3+	430-445 + 532 + 808-825 DIR LB3 >825-950 DIR LB2 >950-1064 DIR LB3		NOI-RT1-
	Polymer Grey 10%	190-430 5+ >430-445 1.5+ 532 3+ 610-670 1+ 640-650 2+ 805-825 3+ >825-950 2+ >950-1064 3+	430-445 + 610-670 DIR LB1 640-650 + >825-950 DIR LB2 532 + 805-825 + >950-1064 DIR LB		NOI-RT2-
	Polymer Green 15%	190-400 nm 5+ 405-420 3+ 585-625 nm 2.5+ 626-710 nm 3+	315-420 + >625 -715 DIR LB3 580-625 DIR LB2		NOI-DIW-nn
	Polymer Blue 16%	190-400nm 5+ 630-660nm 3+ 660-670nm 2+ 800-915nm 3+ 780-920nm 2+	190-315 D LB7 + IR LB4 >315-395 D LB5 + IRM LB6 630-660 + 800-915 DIR LB3 >660-670 + 780-920 DIR LB2		NOI-ML3-nn
	Polymer Grey 55%	190-400nm 5+ 1025-1075nm 5+ 1035-1070nm 6+ 1045-1065nm 7+	1025-1075 DIR LB5 + M LB5Y 1035-1070 DIR LB6 + M LB6Y 1045-1065 DIR LB7 + M LB7Y		NOI-YG5-
	Polymer Grey 23%	1025-1075nm 5+ 1035-1070nm 6+ 1045-1065nm 7+ 1450-1650nm 2+ >1650-1775nm 3+ >1775-3000nm 4+ 1980-2550nm 5+ 5200-11000nm 5+ 9000-10600nm 6+	1025-1075 DIRM LB5 1035-1070 DIRM LB6 1045-1065 D LB6 + IR LB7 + M LB7Y 1450-1650 DIR LB2 >1650-1775 DI LB3 + R LB3Y >1775-3000 DI LB4 + LB3Y 5200-1100 DI LB4 + R LB3Y		NOI-HYG-
	Polymer Green 23%	190-400 nm 5+ 785-<830nm 2+ 830-1700nm 3+	785-<830 DIR LB2 830-1700 DIR LB3		NOI-IRD2-nn
	Polymer Green 19%	180-450nm 6+ 770-1800nm 2+ 820-1720nm 3+ 870-1600nm 4+ 940-1070nm 5+	180-315 D LB6 + R LB4 >315-400 DR LB4 >770-820 DIR LB2 >820-865 DIR LB3 >865-940 DIR LB4 940-1064 DIRM LB5 >1064-1400 DIRM LB4 >1400-1850 DI LB2		NOI-IRD-nn

Filter Description	Filter material, Colour, VLT	Optical Density	EN 207:2009 certification	Frame	Part Number
	Polymer yellow/Green 32%	180-400nm 5+ 1400-1550nm 4+ 1410-1510nm 5+	1400-1550 DI LB3		NOI-IRD4-
	Polymer Green 16%	190-480 nm 6+ 800-1790 nm 5+ 820-950 nm 6+ >950-1400 nm 7+ >1400-1750 nm 6+	190-315 D LB8 + IR LB3 >315-480 D LB5 + IR LB6 775-795 DIR LB4 >795-820 DIR LB5 >820-1400 D LB5 + IR LB6 >1400-1880 DIR LB2		NOI-IRD5-nn
	Polymer Green 7%	190-390 nm 6+ 560-950 nm 1+ 1064nm 6+ 1300-1500nm 4.5+	190-315 D LB6 + R LB4 >315-390 D LB2 + R LB4 560-950 DIR LB1 860-1400 D LB4 + I LB5 >950-1070 D LB5 + I LB6 >1400-1500 DI LB5		NOI-YPL-nn
	Polymer Clear 93%	190-398 nm 5+ 2780 nm 5+ 2940 nm 6+ 10,600 nm 5+	180-315 D L8 180-390 IR L4 >315-390 D L4 2780-2940 DI L2 10600 DI L2		NOI-ERB-nn
	Glass Light Grey 75%	850-2800nm 3+ 900-2600nm 4+ 950-1010nm 5+ >1010-1500nm 7+ >1500-2350nm 5+ >2800-10600nm 5+	850-900 DIR LB3 >900-950 + >1400-2200 DIR LB4 >950-1000 DIR LB5 >1000-1063 DIR LB6 >1063-1400 D LB6 + IRM LB7Y 2900-3200 +10600 DI LB4	37, 40, 51, 53, 55	NOI-FG1-nn
	Polymer Pink 61%	190-390nm 6+ 785-830nm 5+ 800-818nm 6+ 2700-2950nm 6+	190-315 D LB7 + IR LB4 >315-390 DIRM LB5 785-830 D LB4 + IR LB5 800-818 D LB4 + IR LB6 2780-2940 DI LB2		NOI-DRB-nn
	Polymer Green 65%	190-380nm 5+ 808-840nm 4+ >840-950nm 5+ 950-1070nm 7+ 2700-2950nm 6+	190-315 D LB7 + IR LB4 >315-400 DIRM LB5 808-840 DIR LB4 >840-950 D LB4 + IR LB5 >950-1070 D LB4 + IR LB6 2780-2940 DI LB2		NOI-YRB-nn
	Polymer Red 19%	180-395 nm 5+ 395-540 nm 3+	180-315 D LB6 + R LB4 >315-395 D LB4 + IR LB6 >395-540 DIR LB3 1W 2*10E-4J 488-540 RB3		NOI-AL3-nn
	Polymer Blue/Green 26%	190-430 nm 5+ 525-532nm 1.5+ 632-659nm 1.4+ 640-650nm 2.5+	190-315 D LB7 + IR LB4 >315-400 DIRM LB5 .01W 2*10-6J 532 + 630-<636 RB1 .1W 2*10-5J 636-640 RB2		NOI-MLA-nn
	Polymer Purple 10%	190-400nm 6+ 532nm 3+ 561nm 3+ 654-664 nm 2+ 659nm 3+	180-315 D LB7 + IR LB4 >315-390 DIRM LB5 1W 2*10-4J 532 + 561 + 659 RB3		NOI-ZSA-nn
	Polymer Blue 39%	190-380nm 5+ 630-700nm 1.5+	180-315 D LB6 + R LB4 >315-395 D LB4 .01W 2*10E-6J 605-675 RB1 .1W 2*10E-5J >675-695 RB2		NOI-DIA-nn

Filter Description	Filter material, Colour, VLT	Optical Density	EN 207:2009 certification	Frame	Part Number
	Polymer Grey 41%	190-400 OD 5+ 1450-1650 OD 2+ >1650-1775 OD 3+ >1775-3000 OD 4+ 1980-2550 + 5200-11000 OD 5+ 9000-10600 OD 6	1400-1450 DI LB1 >1450-1650 DI LB2 >1650-1800 DI LB3 >1800-3000 + 5200-11000 DI LB4		NOI-HOY-nn

Laser Alignment Eyewear - EN 208:2009 certification

Filter Description	Filter material, Colour, VLT	Optical Density	EN 207:2009 certification	Frame	Part Number
Alignment 405	Polymer Light Yellow 85%	405 OD 2-3	405 RB 2	Rio	GPT-23179
Argon	Polymer Orange 27%	<i>not marked with ODs</i>	400-520 RB2	BM Low	GPT-62910
				KB Low	GPT-92910
Argon-YAG (2x)	Polymer Orange 25%	<i>not marked with ODs</i>	488 - 532 RB2	BM Low	GPT-62900
				KB Low	GPT-92900
Laser Gard Sunglass for red & green protection	Polymer Bronze 18%	532 OD>1 630-670nm OD>1	630-< 643 + >662-670 RB1 515-538 RB1	XC	GPT-80168
Laser Gard Low Light for green protection	Polymer Salmon 43%	532nm OD>2	530-535 RB2	XC	GPT-80166
532 align	Polymer orange-brown 65%	532 OD 3-4	532 RB 3	Encore	GPT-21151
1064 + 532 align	Polymer orange-brown 34%	OD 3.0 - 3.5 @532nm OD 7 1064nm	1064 D LB6 + IR LB7 532 RB3	XC	GPT-80155
Alignment 630-670	Polymer Green 20%	630-670 OD 2 - 3	630-670 RB 2	Rio	GPT-23178
red-NEW IR	Polymer Grey 20%	650-665nm OD>1 955-1070nm OD>5	650-665 RB1 650-665 D LB1 960-1070 D LB5	Encore	GPT-21185
				XC	GPT-80185
Red Diode	Polymer Light blue 52%	625 - 680 OD 1 - 2	625-680 RB1	LGF	GPT-30135
Kr-Diode	polymer blue 10%	<i>not marked with ODs</i>	540-650 RB1	KB Low	GPT-92920

Filter Description	Filter material, Colour, VLT	Optical Density	EN 208:2009 certification	Frame	Part Number
Diode-HeNe	glass/ dielectric blue 30%	<i>not marked with ODs</i>	600-700 RB2	BM Low	GPT-62930
				KB Low	GPT-92930
	Polymer Orange 38%	180 - 400nm 5+ 450 - 470nm 2+ 532nm 3+	0.1W 2*10E-5J 450 - 470 RB2 1W 2*10E-4J 532 RB3		NOI-ABG-nn
	Polymer Orange 49%	190 - 400nm 5+ 445 - 450nm 1.5+ 532nm 2.5+	0.01 W 2E*10-6J 445 - 450 RB1 0.02 0.1 W 2E*10-5J 532 RB2		NOI-PBG-nn
	Polymer Yellow 77%	190 - 400nm 5+ 430 - 470nm 2+	0.1W 2*10E-5J 430 - 470 RB2		NOI-ABL-nn
	Polymer Pink 53%	190 - 400nm 5+ 532nm 2+	0.1W 2*10E-5J 532 RB2		NOI-AG2-nn
	Polymer Topaz 47%	190 - 400nm 5+ 518-523 + 533-536nm 2+ 524-532nm 3+	0.1W 2*10E-5J 518-523 + 533-536 RB2 0.1W 2*10E-5J 524-532 RB3		NOI-AG3-nn
	Polymer Grey 31%	190 - 400nm 5+ 532nm 1.5+ 633-640nm1+	0.01W 2*10E-6J 532 + 633-640 RB1 5-2.5 NOIR 1S CE		NOI-AGR-nn
	Polymer Amber 29%	190-400nm 5+ 440-470nm 1.5 + 532nm 1.5+ 633-640nm 1+	0.01W 2*10E-6J 455-485 + 532 + 633-640 RB1 5-2.5 NOIR 1 S CE		NOI-BGR-nn
	Polymer Green 38%	190-400nm 5+ 405-488nm 1.5+ 633-635nm 1.8+ 647nm 1.3+	0.01W 2*10E-6J 400-488 + 633-635 + 647 RB1		NOI-RBA-nn
	Polymer Purple 40%	190-400nm 5+ 625-660nm 2+	0.1W 2*10E-5J 630-<638 + 652-660 RB2 0.1W 2*10E-4J 638-<652 RB3		NOI-RA2-nn
	Polymer Aqua 32%	190-400nm 5+ 625-660nm 3+	1W 2*10E-4J 630-<633 + 656-660 RB3 10W 2*10E-3J 633-<656 RB4		NOI-RA3-nn
UV Shield	Polymer Orange 45%	190-535nm 2+	2-1.7 NOIR 1 S CE		NOI-50-nn
UV Shield	Polymer Orange 48%	190-535nm 3+ >535-540nm 2+	2-1.7 NOIR 1 S CE		NOI-50-nn

Filter Description	Filter material, Colour, VLT	Optical Density	EN 207:2009 certification	Frame	Part Number
Flash Fighter	Polymer Light Brown 57%	440nm OD 1+ 532nm OD 1+ 640nm OD 1+		55mm	KEN-AV?55G-1911
Flash Fighter	Polymer Light Brown 57%	440nm OD 1+ 532nm OD 1+ 640nm OD 1+		58mm	KEN-AVA58G-1911
Flash Fighter	Polymer Light Brown 57%	440nm OD 1+ 532nm OD 1+ 640nm OD 1+		61mm	KEN-AVC61G-1911

Laser Protection Face Masks

Filter Description	Filter material, Colour, VLT	Optical Density	EN 207:2009 certification	Frame	Part Number
	Polymer Blue 47%	190-375nm 5+ 670-717nm 2+ 680-710nm 4+ 693-696nm 5+ 694nm 6+ 10600nm 5+			KEN-FSD-6700U
	Polymer Purple 30%	730-855nm 5+ 750-840nm 7+ 10600nm 5+			KEN-FSD-7100U
	Polymer Clear 82%	190-360nm 6+ 10600nm 6+			KEN-FSD-6000U
	Polymer Green 25%	200-400nm 6+ 430-480nm 2+ 755-829nm 2+ 830-1700nm 4+ 930-1090nm 6+ 10600nm 5+			KEN-FSD-5150U
	Polymer Brown 27%	200-532nm 6+ 850-879nm 2+ 900-1700nm 5+ 10600nm 5+			KEN-FSD-5400U
	Polymer Green 70%	200-400nm 4+ 808-1070nm 3+ 860-1070nm 4+ 1064nm 6+ 10600nm 5+			KEN-FSD-5100U
	Polymer Orange 55%	190-532nm 5+ 10600nm 5+			KEN-FSD-5300U

NB. Images indicate frame style only and do not represent exact filter colour.

Laser Physics Laser protection Eyewear Framestyles

Fit-over Glasses



Encore



KXL



LGF



Rio



33



31 & 39



36 & 38



51 & 53

Fitover Goggles



LS6



Flex Seal



KB-AL



KB Low

Wraparound



Milan



New York



35



52



BM Light



BM Low



56

Wraparound with Rx Insert Frames



XC



34



50



55

NB. Images indicate frame style only and do not represent filter colour.

Laser Physics have a wide range of laser protection filters and framestyles, we are able to supply custom filters to suit your application.

Please call us on +44 (0) 1829 773155, or email us at info@laserphysics.co.uk to discuss your laser safety requirements.