

Laser Safety Goggles (STSD Series)

STSD series laser protective goggles are made of a sort of special plastics, which appends several well selected laser-absorbing dyes. They provide excellent filters to protect your eyes against laser beams used in scientific, industrial and medical applications. The protective characters and safety won't change at different incident angles.

These goggles are CE-certified.

Model	Wavelength range(nm)	Laser	Wavelength (nm)	OD	V.L.T. (%)
ST-SD1	200-540	SHG Nd:YAG	532	≥ 4	50
		Ar ⁺	514	≥ 4	
ST-SD2	600-700	He-Ne	633	≥ 4	30
ST-SD3	800-1100	Nd:YAG	1064	≥ 4	40
ST-SD4	200-540 800-1100	Ar ⁺	514	≥ 4	30
		SHG Nd:YAG	532		
		Diode	808, 810		
			904, 980		
		Nd:YAG	1064		
ST-SD5	10600	CO ₂	10600	≥ 4	90
ST-SD6	2100	Ho	2100	≥ 4	30
ST-SD7	200-450	He-Cd	441	≥ 4	70
		Ar ⁺	488		
		FHG Nd:YAG	266		
ST-SD8	800-1700	Diode	1510	≥ 4	28
			1530		
			1610		
ST-SD9	750-820	diodes	808	≥ 4	25

Remark:

1. OD ≥ 6 available for above items upon request.
2. V.L.T. means visible light transmission percentage.

Available Frames:

Model	Filter	Frame 1	Frame 3	Frame 5	Frame 6
ST-SD1	Orange	Y	Y	Y	Y
ST-SD2	Blue	Y	Y	Y	Y
ST-SD3	Green	Y	Y	Y	Y
ST-SD4	Brown	Y	Y	Y	Y
ST-SD5	Gray	Y	Y		
ST-SD6	Green	Y	Y	Y	Y
ST-SD7	Orange	Y	Y	Y	Y
ST-SD8	Deep green	Y	Y	Y	Y
ST-SD9	Green	Y	Y	Y	Y

ST-SD3 Nd:YAG 1064nm Laser Safety Goggles



ST-SD5 CO2 Laser 10.6um Safety Goggles



STNR Series Laser Safety Goggles

STNR laser safety goggles have found applications in nearly every discipline that employs coherent or non-coherent light, including enhancement of fluorescence of bodily fluids and latent fingerprints for forensics; enhancement of chemiluminescence and fluorescence in medical, biological and even marine biological applications; dye enhancement in leak detection, patient protection in post-treatment pharmaceutical applications, UV protection in dental and industrial bonding/curing/whitening applications and more. Our standard goggles are listed below. Other wavelengths and styles are available on request.

Model	Wavelength range(nm)	OD	%VLT	Wavelength (nm)	Mode	Rating
STNR-EC2	190-398 9000-11000	7+ 7+	93% Clear	190-315 190-315 >315-398 9000-11000	D IR DIRM DI	LB7 LB4 LB5 LB3
STNR-EC3	190-380 9000-11000	7+ 7+	93% Clear	9000-11000	DI	LB4
STNR-KTP	190-435 523-535 532	5+ 5+ 6+	34% Red	190-435 523-535 532	DIRM DIRM DIRM	LB5 LB5 LB6
STNR-ARG	190-532	7+	48% Orange	180-315 180-315 >315-532	D IR DIRM	LB7 LB4 LB6
STNR-DI5	190-400 650-670 800-815	5+ 5+ 5+	16% Blue			
STNR-ALX	190-400 720-830 830-840	5+ 7+ 6+	25% Pink	720-840 720-830 720-830 >830-840 >830-840	D I R I R	LB5 LB7 LB6 LB6 LB5
STNR-ML1	190-420 765-1100 775-1085 790-1080	5+ 5+ 6+ 7+	45% Green	190-315 190-315 >315-420 765-1100 790-1080 790-1080 950-1085 775-1085 775-1085	D IR DIR DIRM D IRM DIRM D IRM	LB8 LB4 LB5 LB5 LB6 LB7 LB6 LB5 LB6
STNR-YG2	180-400 720-1090 750-1064	6+ 5+ 7+	25% Amber	180-315 180-315 >315-400 >725-1075 720-750 >1064-1075 >750-1064 720-750	D R DR DM IR IR IRM DM	LB6 LB4 LB4 LB6 LB5 LB5 LB7 LB5
STNR-YG3	190-400 808-840 >840-950 >950-1080 >1080-1090	5+ 4+ 5+ 7+ 5+	59% Green	808-840 >840-950 >950-1080 >950-1080 >1080-1090	DIRM DIRM D IRM DIRM	LB4 LB5 LB6 LB7 LB5
STNR-ML5	190-400 755 820-1720	5+ 4+ 4+	23% Green			

	900-1100	5+				
STNR-YGA	190-400	5+	12% Red/ Orange			
	480-532	2+				
	910-1070	6+				
STNR-ERB	190-398	5+	93% Clear	180-315	D	L8
	2940	6+		180-390	IR	L4
	2780	5+		>315-390	D	L4
	10,600	5+		2780-2940	DI	L2
				10600	DI	L2
STNR-CO2	190-360	5+	93% Clear			
	10,600	5+				
STNR-FL32	190-400	5+	13% Green			
	590-730	2+				
	600-700	3+				
STNR-FL34	190-400	5+	11% Blue			
	537-720	1.5+				

Frame Style Options



Style#700



Style#60



Style#32



Style#33



Style#34



Style#35



Style#36



Style#38

Specifications of Acrylic Filters

Model	Wavelength	OD	%VLT	Color	Thickness	Dimension
ECW125	200-360nm	5+	84%	Clear	0.125"	up to 24"x36" 61 x 91cm
	10600nm	5+				
ARW140	190-375nm	5+	41%	Orange	0.14"	up to 24"x36" 61 x 91cm
	376-532nm	4+				
DOW125	730-855nm	5+	30%	Rose	0.125"	up to 24"x24" 61 x 61cm
	750-840nm	7+				
	10600nm	5+				
YGW125	190-360nm	5+	65%	Green	0.125"	up to 24"x36" 61 x 61cm
	800-1080nm	3+				
	860-1070nm	4+				
	1064nm	6+				
YGW250	190-360nm	5+	65%	Green	0.25"	up to 24"x36" 61 x 91cm
	800-1080nm	3+				
	860-1070	4+				
	1064nm	6+				

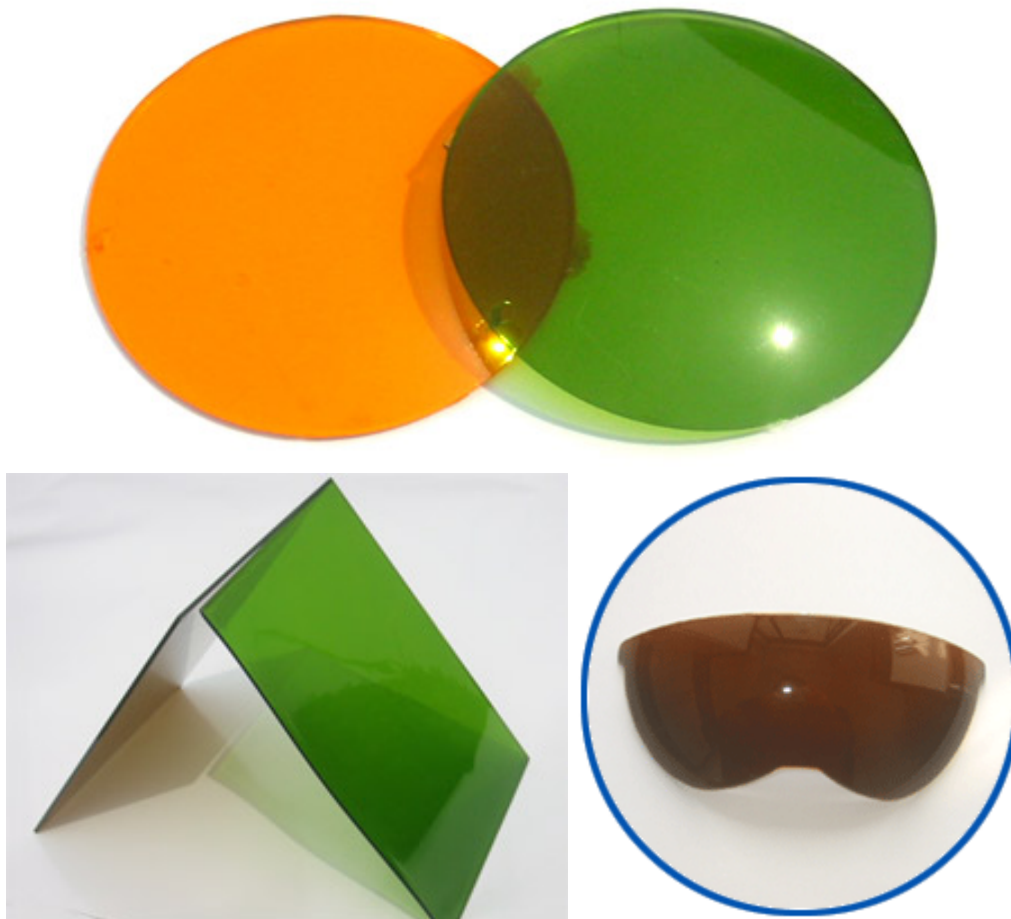
YDW150	190-375nm	5+	44%	Amber	0.125"	up to 24"x36" 61 x 91cm
	760-1070nm	5+				
	1064nm	5+				
DBW125	190-532nm	5+	25%	Amber	0.125"	up to 24"x36" 61 x 91cm
	532nm	6+				
	850-879nm	4+				
	880-1070nm	5+				
IRW140	830-1700nm	5+	35%	Green	0.140"	up to 24"x36" 61 x 91cm
	10600nm	5+				

Specifications of Glass Filters

KGW235	900-950nm	4+	70%	Clear	0.235"	100x200 mm
	950-1,000nm	5+				
	1,000-1,600nm	6+				
	1,600-2,400nm	4+				
	2,400-3,800nm	3+				
	3,800-4,000nm	4+				
	4,000-5,200nm	5+				
	10,600nm	5+				

Laser Safety Shields/Windows/Curtains

We can supply several kinds of laser safety shields/windows/curtains. Custom-made available upon request.



Model	Wavelength range(nm)	OD	V.L.T. (%)	Window	Plate
ST-W1	200-540	≥4	70	200x250x5mm	1000x1200x5mm
ST-W2	600-700	≥4	30	200x250x5mm	1000x1200x5mm
ST-W3	800-1100	≥4	40	200x250x5mm	1000x1200x5mm
ST-W5	10600	≥4	90		1000x1200x5mm

Remark: other diemsnions available upon request.