

## 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.

Model	Wavelength range(nm)	Laser	Wavelength (nm)	OD	V.L.T. (%)
ST-SD1	200-540	SHG Nd:YAG	532	≥4	50
		Ar <sup>+</sup>	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 <sup>+</sup>	514	≥4	30
		SHG Nd:YAG	532		
		Diode	808, 810		
			904, 980		
Nd:YAG	1064				
ST-SD5	10600	CO <sub>2</sub>	10600	≥4	90
ST-SD6	2100	Ho	2100	≥4	30
ST-SD7	200-450	He-Cd	441	≥4	70
		Ar <sup>+</sup>	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



## STSKY Series Laser Safety Goggles

STSKY laser safety goggles

Type name	Typical lasers	Typical wavelength	Optical density	Visible light transmission	Styles in stock
<b>TYPE- Blue</b>	UV, Blue	405, 445, 450, 473	4+	50%	2. 4
<b>TYPE- 1 (200-540nm)</b>	KTP, Nd: YAG, Argon, Semi-Conductor	532, 514, 515,520	4+	30%	2. 3. 4. 6
<b>TYPE- 2 (600-700 nm)</b>	He-Ne Semi-Conductor	632.8, 635, 660	4+	30%	2. 4. 6
<b>TYPE- 3 (800-1080nm)</b>	Semi-Conductor Nd: YAG Fiber laser	808, 980- 1064 1070,	4+	60%	2. 3. 4. 6
<b>TYPE- 4 (800-820 nm)</b>	808nm Semi-Conductor	808, 810	5+	60%	2. 4





## 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+	93%	190-315	D	LB7
		7+	Clear	190-315	IR	LB4
				>315-398	DIRM	LB5
				9000-11000	DI	LB3
STNR-EC3	190-380 9000-11000	7+	93%	9000-11000	DI	LB4
		7+	Clear			
STNR-KTP	190-435	5+	34%	190-435	DIRM	LB5
	523-535	5+	Red	523-535	DIRM	LB5
	532	6+		532	DIRM	LB6
STNR-ARG	190-532	7+	48% Orange	180-315	D	LB7
				180-315	IR	LB4
				>315-532	DIRM	LB6
STNR-DI5	190-400	5+	16%			
	650-670	5+	Blue			
	800-815	5+				
STNR-ALX	190-400	5+	25%	720-840	D	LB5
	720-830	7+	Pink	720-830	I	LB7
	830-840	6+		720-830	R	LB6
				>830-840	I	LB6
				>830-840	R	LB5
STNR-ML1	190-420	5+	45%	190-315	D	LB8
	765-1100	5+	Green	190-315	IR	LB4
	775-1085	6+		>315-420	DIR	LB5
	790-1080	7+		765-1100	DIRM	LB5
				790-1080	D	LB6
				790-1080	IRM	LB7
				950-1085	DIRM	LB6
				775-1085	D	LB5
			775-1085	IRM	LB6	
STNR-YG2	180-400	6+	25%	180-315	D	LB6
	720-1090	5+	Amber	180-315	R	LB4
	750-1064	7+		>315-400	DR	LB4
				>725-1075	DM	LB6
				720-750	IR	LB5
				>1064-1075	IR	LB5
				>750-1064	IRM	LB7
				720-750	DM	LB5
STNR-YG3	190-400	5+	59%	808-840	DIRM	LB4
	808-840	4+	Green	>840-950	DIRM	LB5
	>840-950	5+		>950-1080	D	LB6
	>950-1080	7+		>950-1080	IRM	LB7
	>1080-1090	5+		>1080-1090	DIRM	LB5
STNR-ML5	190-400	5+	23%			
	755	4+	Green			
	820-1720	4+				
	900-1100	5+				

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

### 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+				

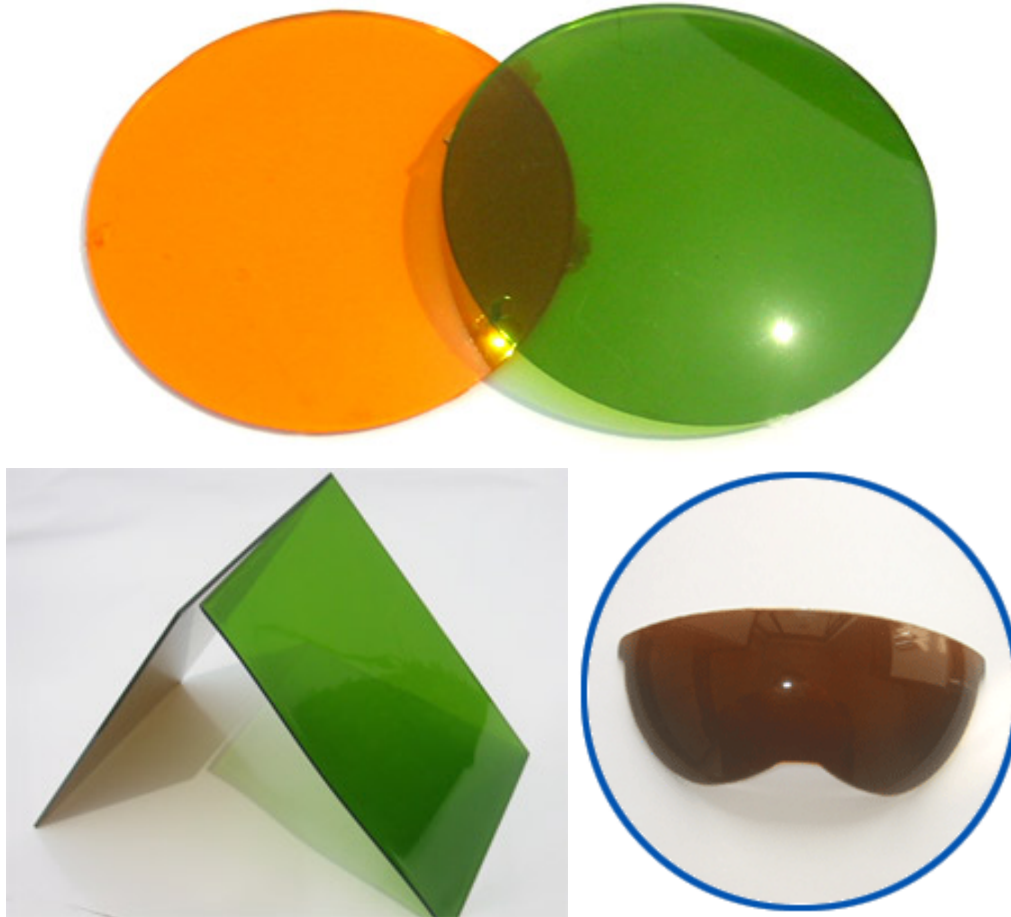
#### Specifications of Glass Filters

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	50	200x250mm	1000x1200x5mm, 1000x1200x3mm
ST-W2	600-700	≥4	30	200x250mm	1000x1200x5mm, 1000x1200x3mm
ST-W3	800-1100	≥4	40	200x250mm	1000x1200x5mm, 1000x1200x3mm
ST-W5	10600	≥4	90		1000x1200x5mm, 1000x1200x3mm

### STSKY series Laser Safety Windows

Type name	Wavelength range	Optical Density	Visible Light Transmission
TYPE- 1	400-547nm	6+	18%
TYPE- 2	800-1080nm	4+	68%
TYPE- 3	800-1080nm	8+	58%