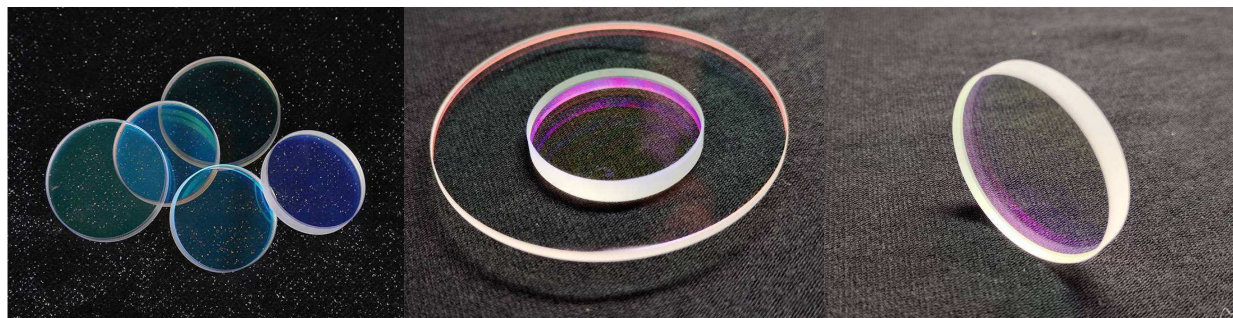


Laser Protective Windows

Laser protective windows are also called laser protective glasses/plates, laser dust-proof windows. This product is mainly used to protect the focusing lens. It can prevent trash from splash onto the lens and causing damage to the lens. However, it requires regular replacement of protective lenses to ensure the accuracy of laser processing. If you try to coat the windows with an anti-reflection coating films with a high damage threshold(>15Jcm²), it can effectively increase the transmittance of the windows, reduce the loss of laser energy, and improve the quality of processed products. This product is widely used in various laser processing equipment such as laser cutting machines (500-2000W), laser welding machines, laser marking machines and laser engraving machines.



All the windows we offer are made of high-quality quartz crystal materials through cutting, grinding, polishing, coating. Similarly, we can customize various specifications of protective windows according to customer's needs (diameter 20-100mm, thickness 1-9mm, diameter and thickness tolerances are ±0.1mm).

Features:

- Made of high-quality quartz crystal material, ultra-thin windows, not easy to chip and crack
- Double-side coated light-transmitting film (transmittance up to 99.5%)
- Strong durability, high temperature resistance, strong anti-laser performance;
- Wavelength up to 1064nm for a wide range of applications
- 45° protective full-angle design, safe and easy to use without hurting your hands
- High light transmittance, strong anti-rubbish, long service life

General Product Specifications (1030-1090nm)

Model	Wavelength	Diameter	Thickness	Material	Clear Aperture	Transmittance	Surface Quality	Parallelism
STYS-001	1064nm	14.8mm	4.1mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-002	1064nm	18mm	2mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-003	1064nm	20mm	1.5mm	Quartz	< 80%	99.5%	40/20	< 1 point

STYS-004 STSA-001	1064nm	20mm	2mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-005 STSA-002	1064nm	20mm	3mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-006	1064nm	20mm	4mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-007	1064nm	20mm	5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-008	1064nm	21.5mm	2mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-009	1064nm	22mm	2mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-010 STSA-003	1064nm	22.35mm	4mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-011	1064nm	23mm	2mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-012 STSA-004	1064nm	24.9mm	1.5mm	Quartz				< 1 point
STYS-013	1064nm	25mm	2mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-014	1064nm	25mm	3mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-015	1064nm	25mm	4mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-016	1064nm	25.4mm	1mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-017 STSA-005	1064nm	25.4mm	3mm	Quartz	< 80%	99.5%	40/20	< 1 point
STSA-006	1064nm	25.4mm	3mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-018	1064nm	25.4mm	4mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-019	1064nm	25.4mm	5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-020	1064nm	26.5mm	5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-021	1064nm	27mm	4mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-022	1064nm	27mm	5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STSA-007	1064nm	27.9mm	4.1mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-023	1064nm	28mm	2mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-024 STSA-008	1064nm	28mm	4mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-025	1064nm	29mm	3mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-026	1064nm	29.7mm	4.7mm	Quartz	< 80%	99.5%	40/20	< 1 point
STSA-009	1064nm	30mm	1.5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-027	1064nm	30mm	2mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-028	1064nm	30mm	3mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-029	1064nm	30mm	4mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-030 STSA-010	1064nm	30mm	5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-031	1064nm	30.1mm	1mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-032	1064nm	30.1mm	1.5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-033	1064nm	32mm	2mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-034	1064nm	32mm	4mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-035	1064nm	32mm	5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-036	1064nm	32mm	6.35mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-037	1064nm	34mm	3mm	Quartz	< 80%	99.5%	40/20	< 1 point

STSA-011	1064nm	34mm	5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-038	1064nm	35mm	1.3mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-039 STSA-012	1064nm	35mm	4mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-040	1064nm	35mm	5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-041	1064nm	35mm	5.5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-042	1064nm	36mm	1.5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-043	1064nm	36mm	1.6mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-044	1064nm	36mm	2mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-045 STSA-013	1064nm	36mm	5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-046 STSA-014	1064nm	37mm	7mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-047	1064nm	38mm	1.5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-048	1064nm	38mm	1.6mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-049	1064nm	38mm	2mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-050	1064nm	38mm	3mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-051	1064nm	38mm	5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-052	1064nm	38mm	6mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-053	1064nm	38mm	6.35mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-054	1064nm	38mm	9.8mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-055	1064nm	39mm	3mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-056	1064nm	40mm	1.5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-057 STSA-015	1064nm	40mm	2mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-058	1064nm	40mm	3mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-059	1064nm	40mm	4mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-060	1064nm	40mm	5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-061	1064nm	40mm	8mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-062 STSA-016	1064nm	42mm	3mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-063	1064nm	42mm	9mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-064	1064nm	45mm	3mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-065	1064nm	48mm	2mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-066	1064nm	48mm	3mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-067	1064nm	50mm	1.5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-068 STSA-017	1064nm	50mm	2mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-069	1064nm	50mm	5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-070	1064nm	50mm	8mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-071 STSA-018	1064nm	55mm	1.5mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-072	1064nm	55mm	9mm	Quartz	< 80%	99.5%	40/20	< 1 point
STYS-073	1064nm	60mm	3mm	Quartz	< 80%	99.5%	40/20	< 1 point

We can provide AR coating layers of any wavelength according to customer needs. If you have any specific requirement on diameter, thickness and coating, please contact us and we will also try our best to meet your needs.