

**Toughened 5mm 6mm 8mm 10mm
12mm clear tinted silver
reflective glass for windows
with the best price**



What is silver reflective glass?

Silver reflective glass is one kind of heat reflective glass, it is adopting the magnetic sputtering method to spray several metal layers and metal oxidize materials onto the glass surface in a super high vacuum chamber. After the coating process, the silver reflective glass is cut to custom sizes and goes through the edging, tempering, or even later the laminating and insulating to enhance its further functions. Silver mirror is very good for residential windows, especially for large quantities of residential doors and windows because of its energy-saving functions and decoration effects.

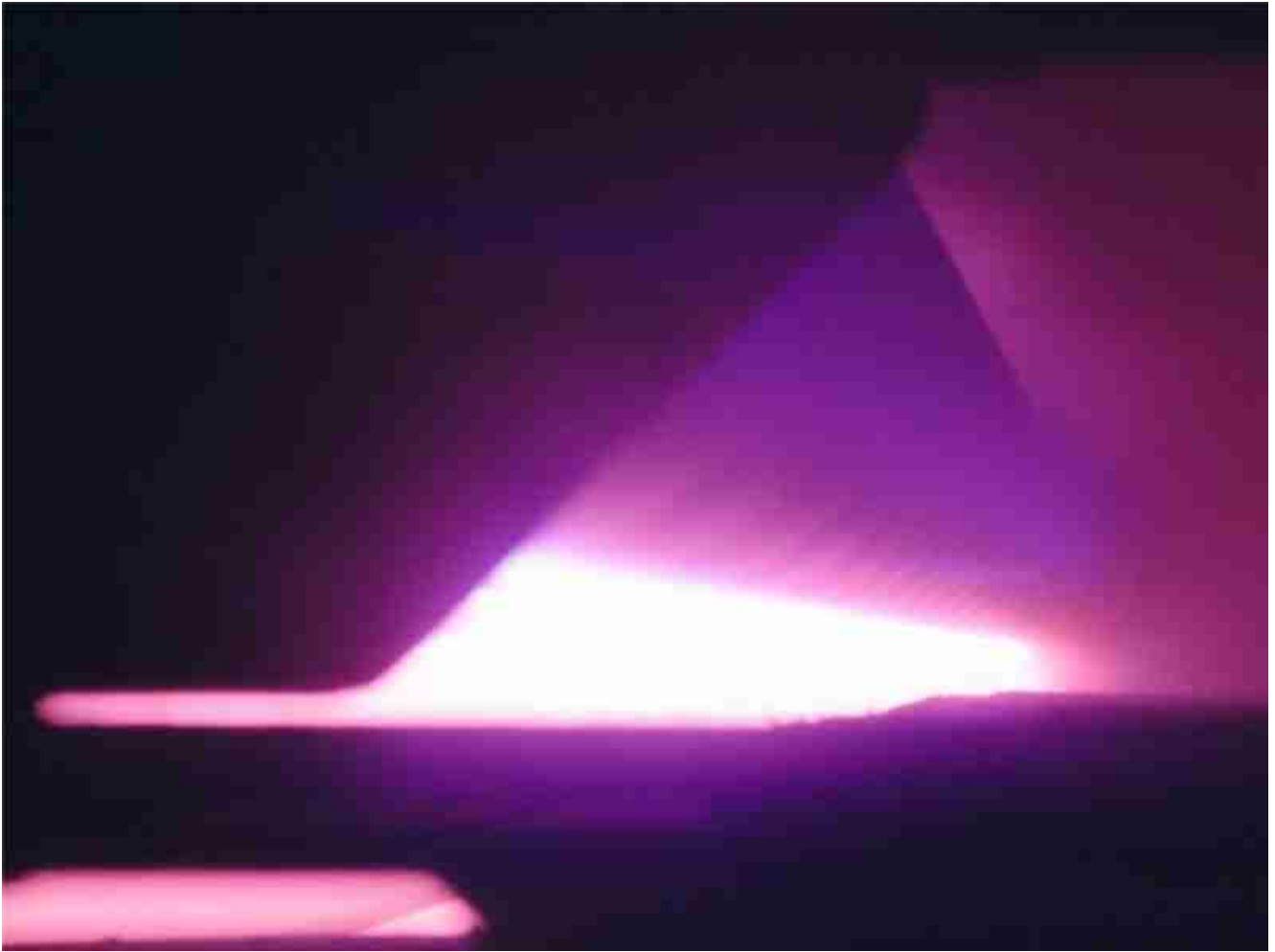


Silver color reflection glass

How to produce silver reflective glass?

We use the fresh-made auto-grade float glass (within one month) to be firstly cleaned by a German Bentler Washing machine, in this process, the glass surface will be heated up and activated. Later the glass will be transferred to the large magnetic sputtering line to endure the high power sputtering of the metal material to the glass surface. Different metal targets will form different types of layers onto the glass surface. Several combinations of the film layers will form a certain color and thermal performance on the glass.

Different sputtering materials will have different colors:



SiNx sputtering light



Cr Sputtering light



Large area sputtering line for reflective glass production.

The advantages of heat reflective glass:

- Good physical & chemical performance, surface adhesion is permanent, no pilling off;
- Excellent thermal performance such as good U value, SHGC, Transmittance, etc;
- Multiple options of exterior appearance like gray color, light blue, neutral colors, etc;
- Super good uniformity with color difference $\Delta E < 1.5$;

Etc.

The performance data of heat reflective glass:

[Shenzhen Dragon Glass](#) heat reflective glass performance and color reference:



Shen zhen Dragon Glass Co., Ltd

Configuration		Visible light T%	Visible light Rout%	Visible light Rin%	Solar energy T%	Solar energy Rout%	SC	SHGC	NFRC U-Value Sum.	NFRC U-Value Win.	European U-Value	CLR
6mm Clear	LCCT138(2#)	34	22	30	37	17	0.57	0.50	5.36	5.92	5.73	grey
6mm Clear	LCCT145(2#)	41	30	18	40	22	0.58	0.50	5.33	5.89	5.73	grey
6mm Clear	LCCT159(2#)	59	21	21	58	15	0.75	0.65	5.33	5.89	5.73	light grey
6mm Clear	LRF-III(2#)	51	18	14	45	12	0.65	0.57	4.84	5.43	5.73	light blue
6mm Clear	LRF-IV(2#)	44	22	23	45	16	0.63	0.55	4.71	5.31	5.73	light blue grey
6mm Clear	LRF-V(2#)	43	28	6	36	18	0.55	0.48	4.64	5.25	5.73	silver blue
6mm Clear	LRTB150X(2#)	54	18	13	49	12	0.69	0.60	4.97	5.55	5.73	light blue
6mm Clear	LRTB160(2#)	62	14	17	56	10	0.75	0.65	5.12	5.69	5.73	light blue
6mm Clear	LRTB170(2#)	75	23	24	70	16	0.85	0.74	5.27	5.84	5.73	Neutral
6mm Clear	LRTB180(2#)	82	16	16	76	12	0.91	0.79	5.33	5.89	5.73	Neutral
6mm Clear	LTy120(2#)	21	33	24	18	26	0.35	0.30	4.02	4.68	5.73	silver grey
6mm Clear	LTy130-1(2#)	30	27	17	25	20	0.44	0.38	4.31	4.94	5.73	silver grey
6mm Clear	LTy140-1(2#)	40	21	15	35	15	0.55	0.48	4.77	5.37	5.73	grey
6mm Clear	LTy150(2#)	54	21	15	49	14	0.68	0.59	5.15	5.72	5.73	grey
6mm Clear	LTy165(2#)	64	17	20	59	12	0.77	0.67	5.27	5.84	5.73	light grey
6mm Clear	LSC140(2#)	38	25	16	31	18	0.51	0.44	4.71	5.31	5.73	light blue
6mm Clear	LSC150(2#)	53	18	17	45	13	0.64	0.56	4.71	5.31	5.73	light blue
6mm Clear	LSC160(2#)	60	17	15	56	12	0.73	0.64	4.71	5.31	5.73	light blue
6mm Clear	LSC170(2#)	70	16	19	65	12	0.82	0.71	4.71	5.31	5.73	light blue
6mm Clear	LAC-140(2#)	46	26	8	40	18	0.61	0.53	5.15	5.72	5.73	silver blue
6mm Clear	LSD-140(2#)	44	15	18	40	11	0.63	0.55	5.12	5.69	5.73	light blue
6mm Clear	LSD-150(2#)	52	20	19	51	15	0.72	0.62	5.39	5.95	5.73	light blue

Solar reflective glass performance data.

Specifications of heat reflective glass:

- **Production name:** Silver reflective glass, heat reflective glass;
- **Glass thickness:** 5mm 6mm 8mm 10mm 12mm;
- **Glass colors:** clear, low iron, green, blue, grey, etc;
- **Glass types:** Tempered heat reflective glass; Laminated heat reflective glass; Insulated heat reflective glass; ceramic frit heat reflective glass, heat soaked test heat reflective glass, etc;
- **Glass shapes:** Flat/curved;
- **Max size:** 2440*3660mm
- **Min size:** 400*900mm
- **Quality:** Subject to CE/ASTM/ISO9001/AS, etc;
- **Packing:** Strong plywood crates;
- **Free samples:** Within 5 days;
- **Production time:** 7~10 days;
- **Capacity:** 10000SQM/day;

Applications:

Silver reflective glass is widely used in residential windows and doors, facades, interior designs, etc.



Applications for solar reflective glass.

Production details:

Golden color reflective glass:

Golden color reflective glass.

Matt polished solar reflective glass

Different transmittance typical types of samples



Production details for solar reflective glass.

Packing details:

Strong plywood crates to ensure safe transportation.

What is the heat reflective glass price?

Standard heat reflective glass price as below:

Other factors might influence the heat reflective glass price:

- Glass thickness;
- Glass shapes: the price of curved shape is more expensive;
- Glass sizes list: this influence the cutting rate and the loading rate of the production therefore the influence the cost;
- Further functions such as lamination or insulation configuration is needed;
- Quantity: larger quantity, better price!

Etc;

Would you like to get a free quotation of heat reflective glass price? Welcome to click below and [contact us](#) now~