

# High Quality China 3mm AR coating reflective glass Suppliers

## About AR Glass

Anti-reflective glass, also call AR glass, non-reflective glass, is adopting advanced magnetron sputtering vacuum coating technology, coating the Nano optics multilayer film on the glass surface, is better to reduce the glass self- reflective, improve the glass transmittance, no reflect and anti-giddy light, it makes image more clear with the strong light and improves the screen brightness to protect your eyes.

## 3mm AR Coating Glass Characteristic

- Transmission rate is up to more than 96% (Max: 99.5%) from common glass 89%, and it's the world's most transparent glass.  
The average Visible light transmittance over 95%, good enhance the original brightness of PDP and LCD, significantly reducing power consumption
- Reflectivity from 8% of the common 3mm float glass, fell below 2% (Min: 0.2%), effectively weaken the defects caused by strong light behind the pictures, enjoy a more clear image quality.
- UV spectral transmittance < 3%, effectively block the ultraviolet ray harm to the eyes.
- Excellent scratch resistance and hardness $\geq 7H$ , excellent environmental performance, pass the acid and alkali resistance, solvent resistance, temperature cycle, high temperature test, and membrane layer has no obvious change.

## 3mm Anti- Reflective Glass Specification

Size: standard size of 1200mm\*1600mm, Min: 200mm\*200mm, any customized size could be produced

Film structure: the AR coating could be single coating, double coating, produced as per customer's requirements, the more layer AR film, the higher light transmittance and lower reflection

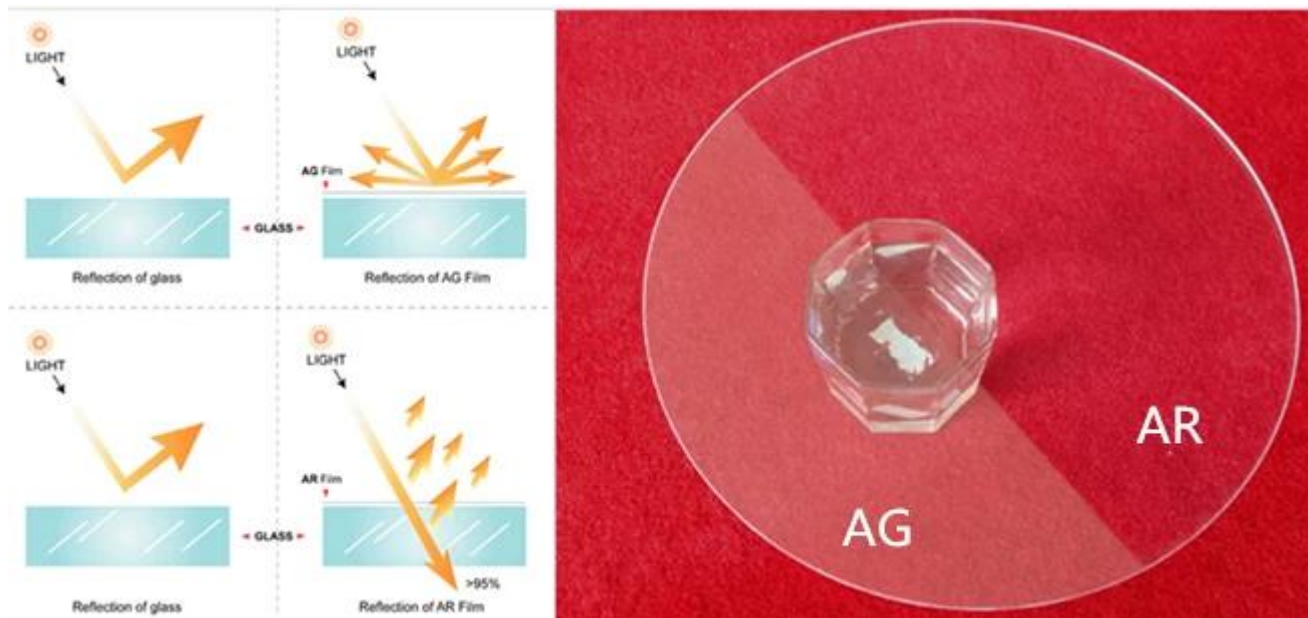
## The performance data sheet of Anti- reflective glass

Parameters	Clear float glass	Single Sided with double AR coating	Double Sided with double AR coating	Double Sided with double AR coating
Color	transparency	bluish violet	natural color	natural color
Optical curve	---	V	W	W
Transmittance	≤86%	≥93%	≥94.5%	≥98%
Reflectivity (ultraviolet ray)	≥8.4%	≤5.2%	≤4.8%	≤ 1%
Application	low-end product	middle-end display panel	high-end display panel	high-end display panel
scratch resistance	≥8H			
abrasive resistance	Use eraser , under 250G pressure, 200 times, film no change			
moisture resistance	Fahrenheit 120°±4°, 24hour			
high-temperature resistance	650°C, Full toughened, Semi-tempered, film no change			
solubility	concentration 50G/L-NaCl, 35°C, film no change			
acid resistance	concentration 10%-HCL, indoor temperature, 24hour, film no change			
Salt resistance	concentration 10%-NaOH, 60°C, 5minutes, variation of transmissivity   $\Delta T$   ≤4%			
AR glass sputtering vacuum coating	high transparency and beauty, low reflective, easy to clean, non-ageing, nondeformable, Scratch Resistance, and other advantage.			

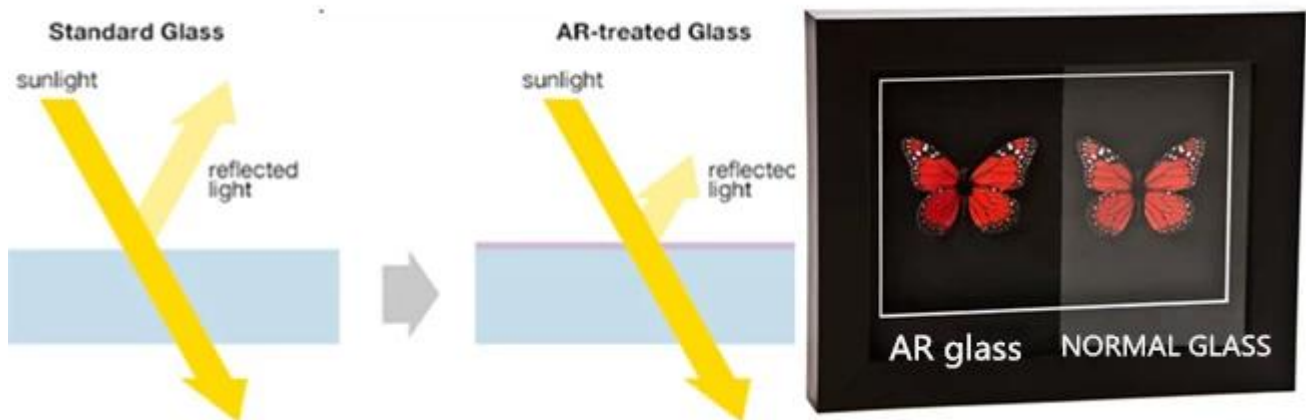
### 3mm Low Reflective Glass Application

3mm Anti reflective glass cut to size to use on display screens, such as LCD televisions, PDP TV, laptop, desktop computer displays, high-end instrument panels, touch screens, high-end picture frames, medical instrument glass, and other Electronic products which is increased transmittance and reduced reflectivity. Or to make safety low reflection laminated glass, use as outdoor display screen, exhibition cabinet glass, military display glass panels, etc.

### Anti-reflective Glass Vs Anti-Glare Glass



### Anti-reflective Glass Compare with Normal Clear Float Glass



### Non Reflection Glass Production and Safety Loading:



**High quality 3mm Anti- reflective glass use on touch screen:**



