

## 2mm anti-reflective glass China manufacturer

### About 2mm AR Glass

2mm AR coating glass, also call [Anti-Reflective glass](#), non-reflective glass, is adopting advanced magnetron sputtering vacuum coating technology, coating the Nano optics multilayer film on the glass surface, it can enhance the transmittance of [2mm clear float glass](#) from 91% to more than 96% and reflectivity from 8% to less than 2%, for examples, four layers AR film on double surfaces, the transmittance can be over 98%, the reflectivity can be lower 1%, no reflect and anti-giddy light, it makes image more clear with the strong light and improves the screen brightness to protect your eyes.

### 2mm AR Glass Characteristic

- Light transmission rate is higher than 96% (Max: 99.5%), normal 2mm clear float glass only 91%, so it's the world's most transparent glass.
- Reflectivity from 8% of the common 2mm 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.

### 2mm AR Glass Specification

Size: Max: 1600mm\*2800mm, Min: 200mm\*200mm, any customized size could be produced

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

### Compared with 2mm AG Glass and 2mm Clear Float Glass

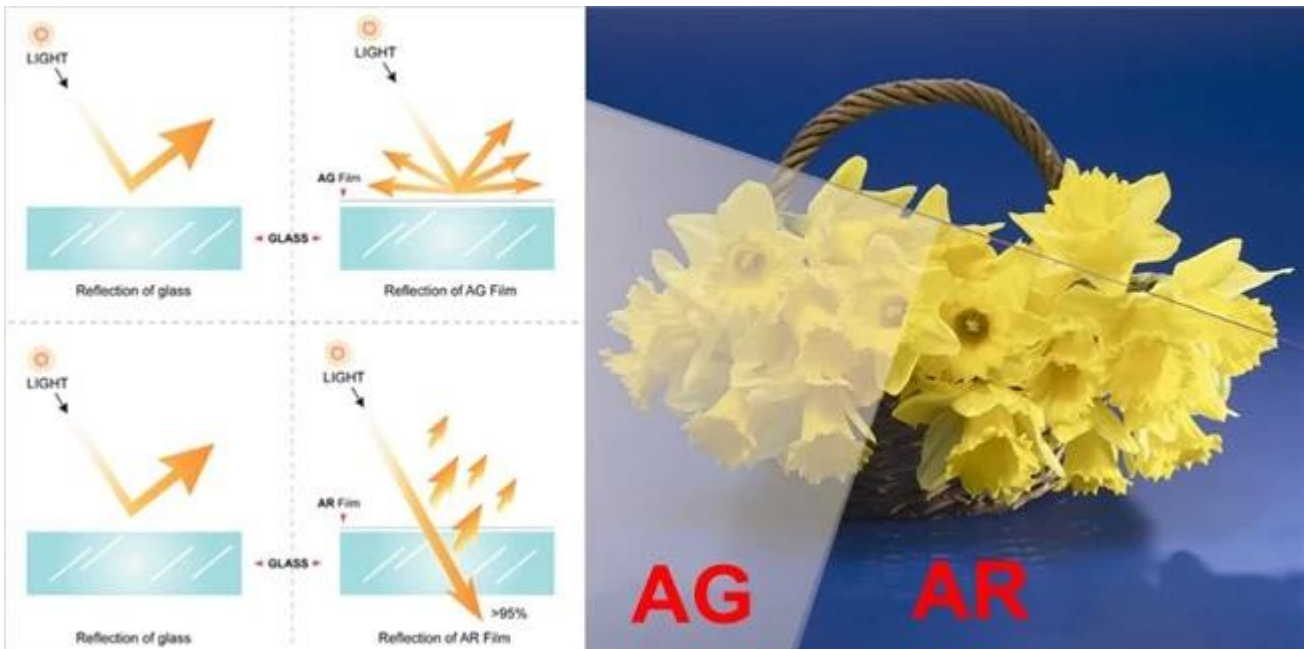
Items	Anti-reflective Glass	Anti-glare Glass	Clear Float Glass
Process	made by coating the Nano optics multilayer film on the glass surface	made by chemical corroded on the glass surface	core base product for most of common glass products
Reflection	AG Glass < AR Glass (less than 2%) < Clear Float Glass		

<b>Light transmittance</b>	AG Glass < Clear Float Glass (about 91%) < AR Glass
<b>Cost</b>	Clear Float Glass < AG Glass < AR Glass

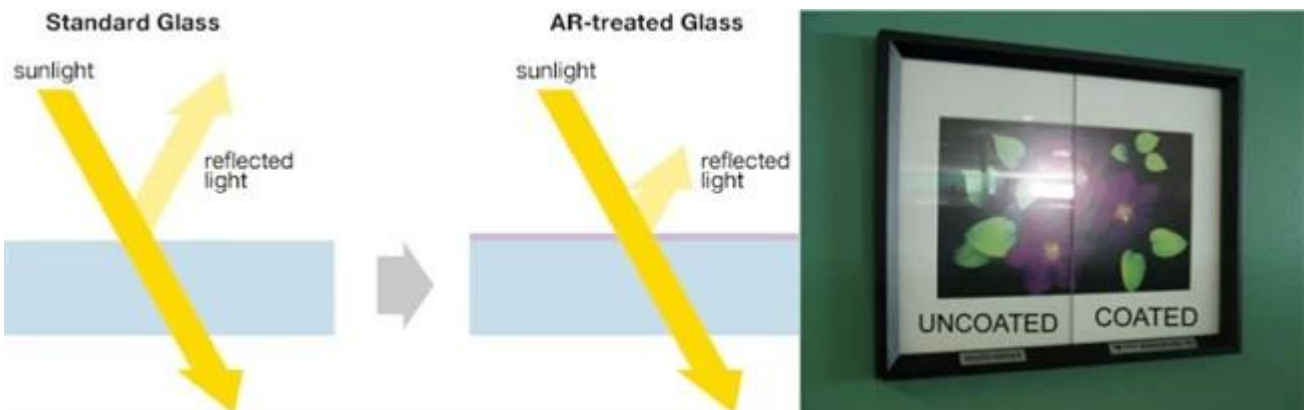
### 2mm AR Glass Application

2mm anti-reflective glass usually cut to size, use as LCD screen glass, computer monitor glass, instrument touch screen glass, photo frame glass, picture frame glass, medical instrument glass, etc. Or to make safety low reflection [laminated glass](#), use as outdoor display screen, exhibition cabinet glass, military display glass panels, etc.

### Anti-Glare Glass Compare with Anti-reflective Glass



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



## Low Reflection Glass Production Plant



## Glass Safety Loading

