

AR AG AF Coated Functional & Display Glass Datasheet

Hong Kong Felix Optical Glass Co., Limited

1. Main Coating Types

1. AR Anti-Reflection Coating Visible light transmittance: 92%–98%, ultra-low surface reflection, reduces light loss. Matches medical monitors, precision display windows.
2. AF Anti-Fingerprint Coating Hydrophobic & oleophobic layer, water contact angle $\geq 110^\circ$, resistant to alcohol disinfection and repeated wiping, ideal for touch screens.
3. AG Anti-Glare Coating Custom haze range: 5%–30%, eliminates mirror glare and bright spot, dedicated to high-brightness outdoor industrial terminals.
4. Composite Coatings: AR+AF, AG+AF for high-end touch display equipment

2. Base Glass Substrates

Alumino-silicate strengthened glass, borosilicate glass, soda lime display glass Thickness range: 0.5mm - 10mm

3. Standard Technical Index

Surface quality: Optical Grade 01 Edge finish: Chamfer / full polish
optional Coating hardness: $\geq 6H$ scratch resistance

4. Disclaimer

All parameters are typical reference values. Final optical indicators will be confirmed via DFM evaluation according to customer's application environment.