

# TECHNICAL DATA SHEET

## ANTI-REFLECTIVE GLASS (FGTDS-CR-33)



Have you ever found yourself peeking through the glass with your hands covering your face, trying to clearly identify that beautiful style of your favorite clothing brand or the intricate workmanship of your long-desired watch model? Turns out, conventional uncoated clear or even ultra-clear glass has up to 8% external and internal reflection. This, though not very high, can create a barrier to clear viewing in critical and high-luxury applications such as jewelry, apparel and watch showrooms, museum display cases, and TV screens. Clear glass used in these cases is simply not enough.

Enter anti-reflective glass – glass with a residual external and internal reflection that is less than 1%, which in fact is so clear it is almost invisible! This anti-reflective property makes it highly desirable in the above-mentioned applications and provides a clear viewing of the elements that matter the most. Our anti-reflective glass can be toughened, heat-strengthened, bent and is even available in a laminated form to suit all safety glazing requirements.

### TECHNICAL SPECIFICATIONS

Description	Levels
Coating Type	Magnetron Sputtered Vapour Deposited (MSVD)
Coating Face	Dual coated (for monolithic or insulated use) or single-side coated (for laminated use)
Glass Thickness Range	4 mm to 12 mm
Laminated Thickness Range	8.38 mm to 24.76 mm
Residual Reflection	Less than 0.50% on each side
Colour Rendering Index	More than 98%

### DIMENSIONS

Description	Levels
Minimum Size	200 mm X 300 mm
Maximum Size	2500 mm X 5500 mm

### UNIQUE SELLING POINTS

Reduces reflection to less than 0.5% per surface – that’s 8 times clear glass!	Can be toughened, heat-strengthened, printed, insulated and laminated
Ensures a neutral and uniform reflection colour for the best viewing experience.	Creates an aesthetically unique and stunning statement – the true mark of luxury.
Can be combined with solar-control, low-E and heat-reflective coatings.	Easy to clean with appropriate glass cleaner. Durability performance meets ISO standards.