

IceBlue

COOLER. CLEARER. SMARTER





High Light-to-Heat Ratio

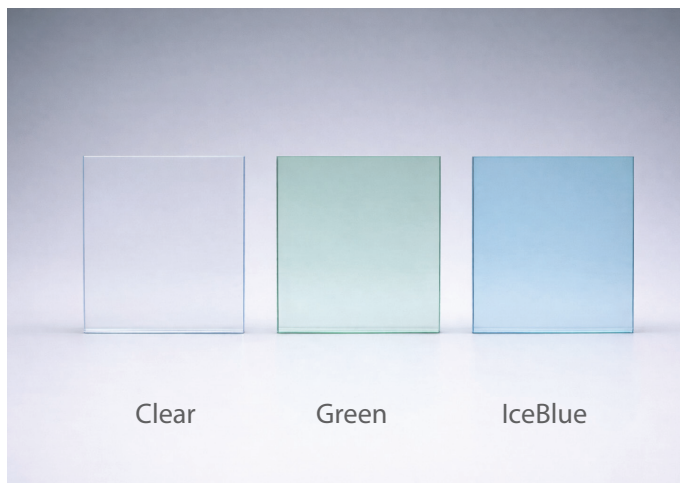
Unlike traditional solar-control glass that reduces brightness, IceBlue delivers both clarity and heat control.

Engineered to maximize visible light while minimizing heat transmission.

Proven to outperform conventional clear and green glass.

XYG IceBlue

XYG IceBlue is a premium, high-performance automotive glass engineered for advanced solar control, providing $\geq 75\%$ infrared (IR) rejection to help reduce infrared energy entering the vehicle. With $\geq 70\%$ visible light transmission, IceBlue maintains excellent visibility while helping create a cooler, more comfortable cabin. Its distinctive blue appearance delivers a sleek, modern aesthetic and can be applied across automotive glazing applications, including windshields, side glass, and rear glass.



► Infrared (IR) Rejection

To create a cooler, more comfortable interior environment

► UV Reflectivity

To help protect skin and interior materials from fading

► High Visible Light Transmittance (VLT)

To maintain clear visibility while delivering solar-control performance

Advanced Technology

IceBlue delivers heat insulation naturally, no coatings required - helping ensure stable, long-lasting performance.

Coated glass relies on surface metallic layers that can age over time, leading to performance loss.

Supporting a Lower-Carbon Future

IceBlue supports a lower-carbon future by helping reduce the need for air conditioning.

It aligns with global trends toward low-carbon policies for a greener future.

Performance Comparison

IRR (Infrared Rejection): The percentage of infrared radiation that the glass prevents from passing through.

UVR (Ultraviolet Reflectivity): The percentage of ultraviolet (UV) radiation reflected by the glass rather than transmitted through it.

VLT (Visible Light Transmittance): The percentage of visible light that passes through the glass.

	IRR	UVR	VLT
Ice Blue	≥75%	≥99%	≥70%
Normal Glass	≥49%	≥96%	≥82.7%





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