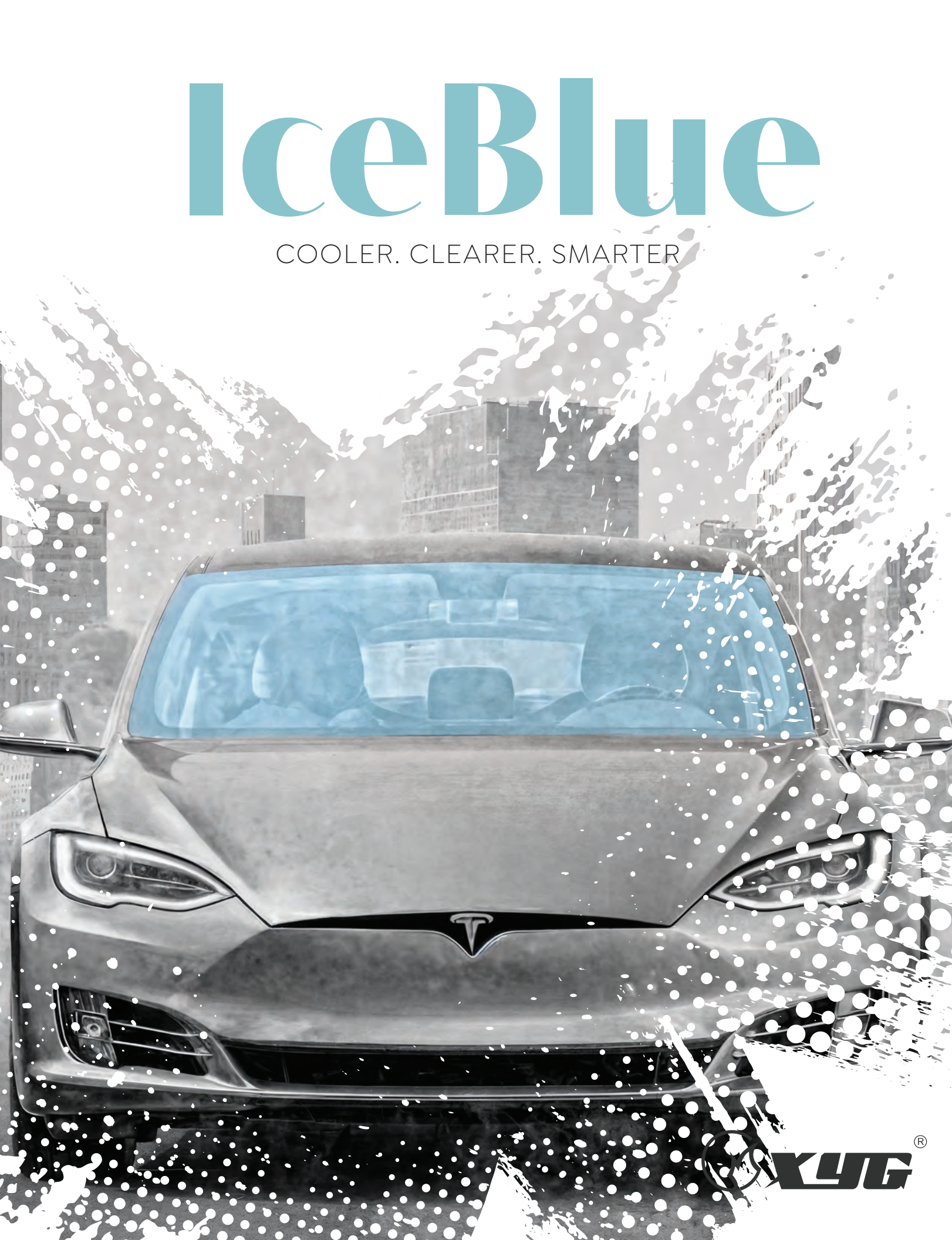
IceBlue

COOLER. CLEARER. SMARTER



XYG®

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.

Advanced Techology

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

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

Low Carbon Life

IceBlue gives opportunity to embrace low carbon life by reducing the needs of air conditioning.

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

XYG IceBlue

XYG IceBlue is a premium, high-performance auto glass that offers superior solar control, blocking over 87.50% of infrared rays. It provides a sleek, modern aesthetic with high visibility (over 70% light transmission), designed to keep car cabins cooler and improve energy efficiency. XYG IceBlue can be used across all automotive glazing applications, including windshields, side glass, and rear glass.

- **Infrared (IR) Heat Reduction**

  To create cooler, more comfortable interior environment

- **Ultraviolet (UV) Protection**

  To help protect skin and interior materials from fading

- **High Visible Light Transmission (VLT)**

  To meet daylighting requirements for brighter spaces

Performance Comparison

Makeup	VTL (%)	Solar (%)			TUV	TIR
	T	T	R	A		
2mm Clear + 0.76 PVB + 2mm Clear	88.9	74.5	5.7	19.8	0.7	77.0
2mm Green + 0.76 PVB + 2mm Green	78.8	53.0	6.0	41.0	0.5	34.0
2mm IceBlue + 0.76 PVB + 2mm IceBlue	75.5	40.7	6.2	53.1	0.5	15.9

VTL - T (Transmission): Percentage of visible light transmitted | Solar - T (Solar Transmission): Percentage of total solar energy transmitted | Solar - R (Solar Reflectance): Percentage of total solar energy reflected | Solar - A (Solar Absorptance): Percentage of solar energy absorbed by glass | TUV (Ultraviolet Transmission): Percentage of UV passing through, Lower = better UV protection
TIR (Infrared Transmission): Percentage of IR (heat energy) passing through, Lower = better heat rejection

XYG®

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