CARBON SERIES

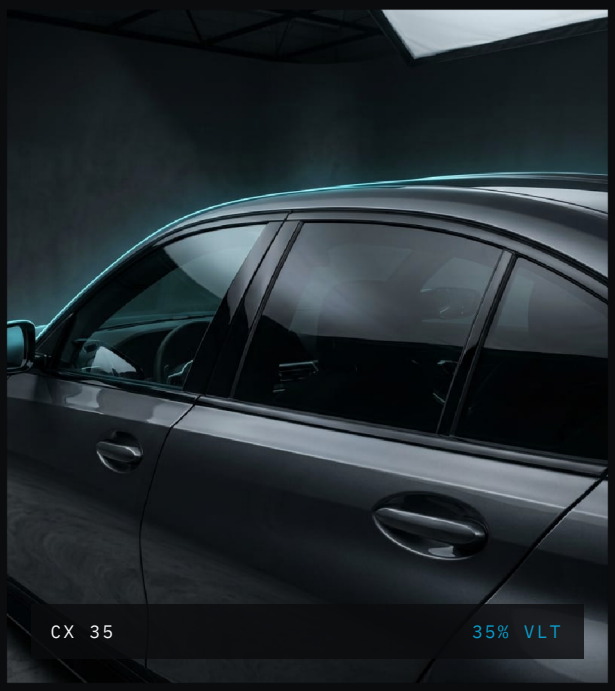
CX

Carbon Window Film

Deep carbon. True black.

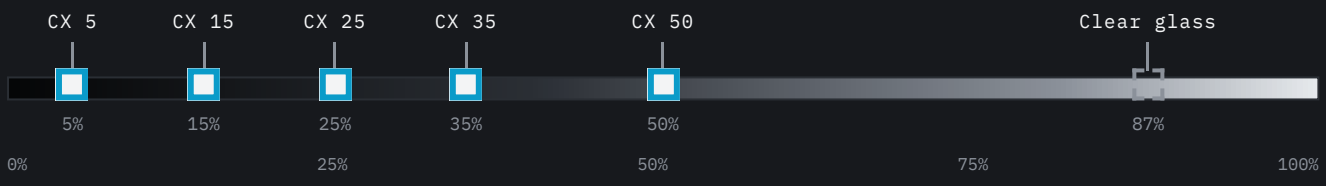
A dye-free carbon film with a rich, neutral black that never turns purple. CX is the entry to Evolution window film, with up to 75% IR rejection, 99% UV rejection and a lifetime transferable warranty.

Matte black | Fade-proof | Metal-free | 2 mil



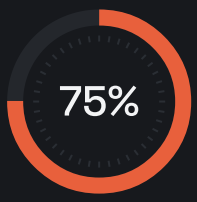
Shade range

VISIBLE LIGHT TRANSMITTED (VLT) · LOWER NUMBER = DARKER FILM

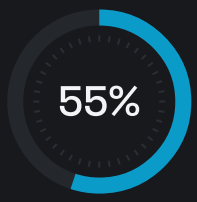




UV rejection
CX 5 to CX 35



IR rejection
Up to · 940–1400nm



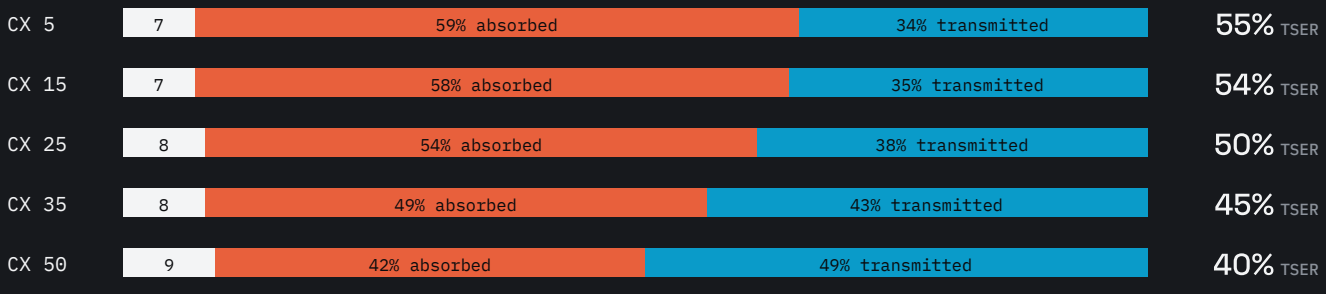
Solar energy rejected
Up to · TSER



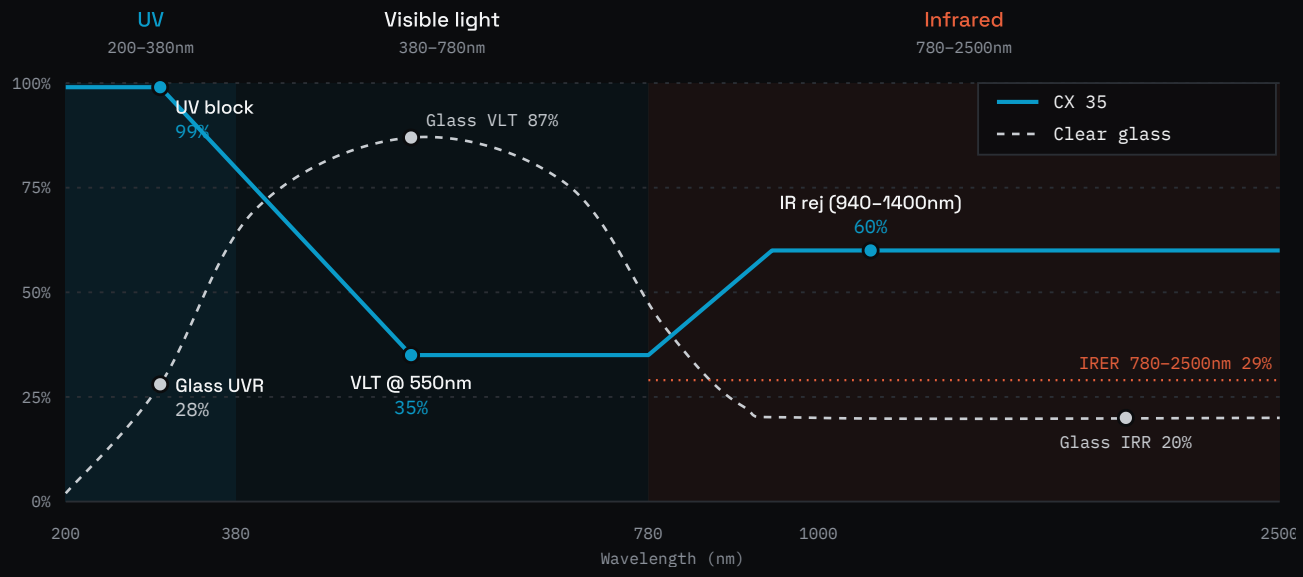
Glare reduction
Up to · CX 5

Solar Energy Use

Reflected | Absorbed | Transmitted | TSER = total rejected



SPECTRAL PERFORMANCE · CX 35 VS CLEAR GLASS



UV and IR values show rejection; visible light shows transmission. IRR measured 940–1400nm, IRER across 780–2500nm. The curve between measured points is illustrative.

	VISIBLE LIGHT		TOTAL SOLAR ENERGY				KEY PARAMETERS			
SHADE	VLT	REFLECTED	TRANSMITTED	REFLECTED	ABSORBED	TSER	IRR 940–1400	IRER 780–2500	GLARE RED.	UV REJ.
CX 5	5%	6%	34%	7%	59%	55%	75%	29%	91%	99%
CX 15	15%	7%	35%	7%	58%	54%	70%	29%	79%	99%
CX 25	25%	7%	38%	8%	54%	50%	61%	29%	70%	99%
CX 35	35%	7%	43%	8%	49%	45%	60%	29%	61%	99%
CX 50	50%	8%	49%	9%	42%	40%	27%	29%	48%	61%

CX 35 vs clear glass

FILM / GLASS

Visible light transmitted — VLT · -52 pts

Film **35%** — Glass **87%**

UV rejected — UVR · +71 pts

Film **99%** — Glass **28%**

Infrared rejected — IRR · +40 pts

Film **60%** — Glass **20%**

CONSTRUCTION Carbon-infused polyester	THICKNESS 2 mil
FINISH Non-reflective matte black	METAL CONTENT None, signal friendly
COLOUR STABILITY Will not fade or turn purple	WARRANTY Lifetime, transferable
SHADES 5 · 15 · 25 · 35 · 50	INSTALLATION Authorized installers only

Values are typical and measured on film applied to clear automotive glass. Performance varies with glass type, tint of factory glass and installation. Local regulations on window tint darkness vary; check legal VLT limits before installation. Specifications are subject to change without notice.