CERAMIC SERIES

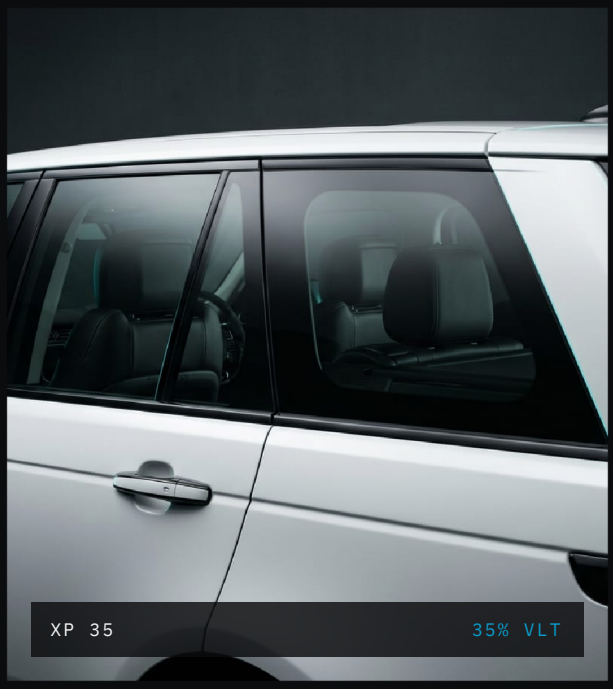
XP

Ceramic Window Film

Ceramic cool, every shade.

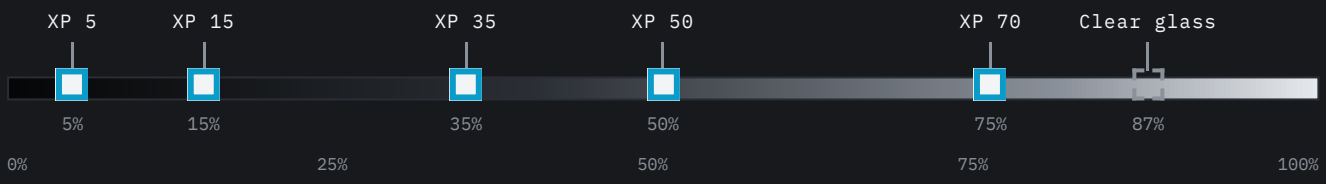
XP nano-ceramic film absorbs solar energy before it reaches the cabin. Up to 81% of total solar energy is rejected, with 68% infrared energy rejection across the full 780–2500nm band and 99% UV rejection in every shade.

Nano-ceramic | Low reflectance | Metal-free | 2 mil



Shade range

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



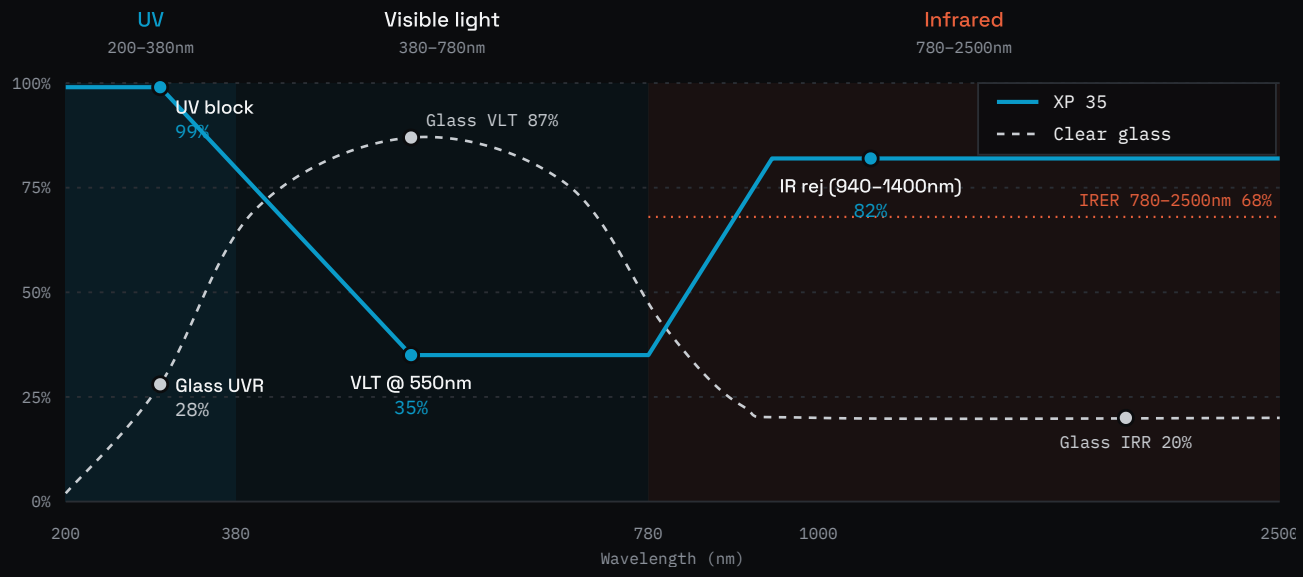
99%	83%	81%	68%
UV rejection	IR rejection	Solar energy rejected	IR energy rejected
Every shade	Up to · 940–1400nm	Up to · TSER	IRER · 780–2500nm

Solar Energy Use

Reflected | Absorbed | Transmitted | TSER = total rejected

XP 5	6	90% absorbed	4	81% TSER
XP 15	7	88% absorbed	5	79% TSER
XP 35	7	83% absorbed	10	74% TSER
XP 50	7	79% absorbed	14	67% TSER
XP 70	7	63% absorbed	30% transmitted	49% TSER

SPECTRAL PERFORMANCE · XP 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.
XP 5	5%	6%	4%	6%	90%	81%	83%	68%	92%	99%
XP 15	15%	6%	5%	7%	88%	79%	82%	68%	82%	99%
XP 35	35%	7%	10%	7%	83%	74%	82%	68%	61%	99%
XP 50	50%	7%	14%	7%	79%	67%	81%	68%	44%	99%
XP 70	75%	9%	30%	7%	63%	49%	79%	68%	25%	99%

XP 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 · +62 pts

Film **82%** Glass **20%**

CONSTRUCTION Nano-ceramic polyester	THICKNESS 2 mil
FINISH Low-reflectance, factory-glass look	METAL CONTENT None, signal friendly
COLOUR STABILITY Will not fade or discolour	WARRANTY Lifetime, transferable
SHADES 5 · 15 · 35 · 50 · 70	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.