

Profilm's premium ION Series adopts reflective technologies to deliver a Total Solar Energy Rejection of up to 55%. By reflecting rather than absorbing the sun's rays, heat is prevented from radiating inside the vehicle, keeping occupants cooler for longer.

Aesthetics

Reflective films contain a metallised layer within the stack, creating a mirror-like finish that rejects the sun's rays, and provides a sporty look to any vehicle. A brilliant look coupled with excellent heat rejection, for a unique and enjoyable drive.

UV protection

Ultraviolet radiation is a significant contributor to skin cancer. The Profilm ION series blocks more than 99% of the sun's harmful rays, protecting driver and passengers, and reducing fading and vehicle interior damage. Profilm Automotive Window Films are recommended by the United States' Skin Cancer Foundation.

Comfort

Glare is a significant contributor to driver and passenger discomfort. The ION series reduces glare by up to 93%. Not only does this heighten driver comfort, but it also improves the on-screen infotainment experience.

Privacy

The ION series comes in a variety of shades, the darkest blocking up to 93% of visible light into your vehicle. Valuables such as handbags and laptops remain hidden from prying eyes.

Heat Reduction

The ION series rejects up to 55% of the total solar energy. This means occupants stay cool and the load on the vehicle's air-conditioning system is reduced. Lower air-conditioning usage, results in lower fuel consumption or extended EV range.

Performance Data

		ION 5	ION 20	ION 35	ION 50
VLТ		5	22	42	52
VLR	Internal	6	6	7	8
	External	7	11	8	8
UV rejection	280-380nm	≥99	≥99	≥99	≥99
IR Rejection	780 - 1700nm	69	59	45	40
	900 - 1000nm	66	55	47	41
Solar Energy	Transmittance	21	34	47	55
	Reflectance	7	12	8	8
	Absorptance	71	54	45	37
TSER		60	52	42	36
Glare Reduction		94	76	53	43
Warranty		5 Years	5 Years	5 Years	5 Years

*Visible Light Transmittance
Data collated using internal test methods. Data values are representative. See website for Technical Data Sheets.