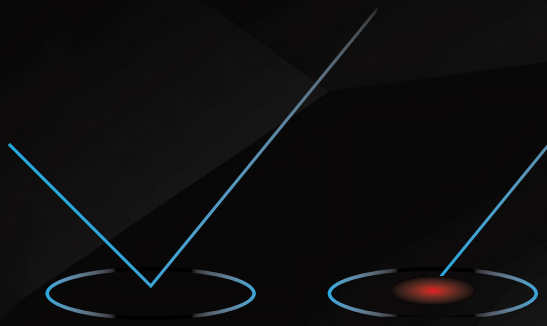
V-KOOL™

V-KOOL XIR® Reflective Technology

Unlike conventional Dyed or Ceramic film technologies, V-KOOL Solitaire Series have spectrally-selective properties that allow visible light in, but reflect selected infra-red wavelengths.





SOLITAIRE PRIVACY

V-KOOL Solitaire Privacy Package provides the ultimate heat rejection, UV protection with premium privacy with our best performing VK30 and VK40 film.

Front Windshield	Front Windows	Rear Windshield & Windows (Solitaire Series Film)
X75	J83	VK40 or VK30

SOLITAIRE CLEAR

V-KOOL Solitaire Clear Package provides superior heat rejection, UV protection with excellent optical clarity with our best performing clear VK70 film.

Front Windshield	Front Windows	Rear Windshield & Windows (Solitaire Series Film)
X75	J83	VK70

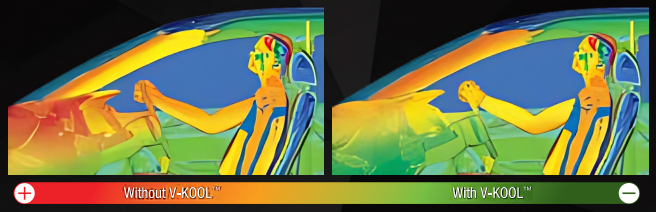
SIGNATURE DARK

V-KOOL Signature Dark Package provides great protection and glare reduction.

Front Windshield	Front Windows	Rear Windshield & Windows (Signature Series Film)
X75	J83	K37

In an independent test, V-KOOL™ helps keep a car interior surface cooler by up to 9.6°C#

Visual simulation of thermal heat image of a car interior with and without V-KOOL™.



#As measured in in-car temperature test (conducted by Advanced Materials Technology Centre, Singapore Polytechnic, 05-23 March 2018. Report No: PC 20180404-01R). Thermistor Probe Sensors measured the surface temperatures of the car dashboard of a Car that had V-KOOL VK70 & V30 films versus a similar car without any window film showed a result of 5.3 to 9.6°C difference.

Technical Specifications (as measured on 3mm glass)

Film	X75 (LTA Compliant)	J83 (LTA Compliant)	VK30	VK40	VK70	K37
Visible Light Transmission %	78	82	36	46	71	41
Total Solar Energy Rejection %	42	28	66	62	55	47
IR Energy Rejection % (IRER)*	61	37	80	79	80	53
Selective IR Rejection % (SIRR)**	69	-	94	91	89	-
UV Rejection % (300 - 380nm)	99	99	>99	>99	99	99

Data captured using NFRC guidelines and calculated for single pane, 3mm clear glass. Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties. *IRER is a more complete measurement of heat experienced from solar infrared radiation (780-2500nm) including absorbed and re-radiated energy. **SIRR is a measurement of solar infrared radiation (780-2500nm) not directly transmitted through glass.