



It's long-time seller fashion-conscious car film.



It has good reasons to be selected...

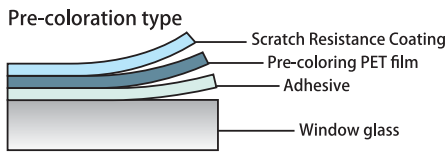
LUMICOOL SD is not simple colored film aiming protection of privacy. It is produced by coloring processing technology materializing minimized discoloration. It achieves high performance of heat resistance to encourage energy efficiency of air-conditioner. And to achieve the function to prevent fading of interior and sun turn all our films fulfill 99% UV block. By the function of glass breakage protection it propose you safety. It is also scratch proof film by scratch resistance coating. Those reliable technology and quality are the reasons to be selected by people being conscious of car care.

Less discoloration car films

IKC provides different films in the various fields.

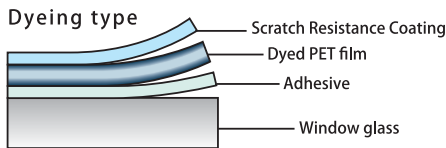
In case of automobile IKC adopt Material-coloration technology which gives less discoloration due to ageing despite of high production cost.

Material-coloration technology is the way to laminate PET film being colored beforehand.



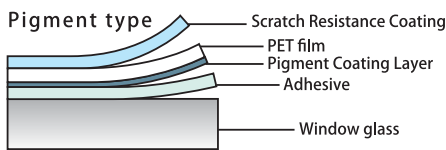
Pre-coloration type of IKC

High quality of transparency and sustainability by adopting PET resin evenly colored beforehand. Discoloration is minimized and original color is sustained for long time.



Dyeing type car film

Producing by the method of dyeing on transparent PET film. Dye material diffusing into PET film. Consequently differential of color from surface to core being observed.



Pigment type car film

Coating pigment on transparent PET film. Transparency is inferior to material-coloration type.

LUMICOOLSD[®] Optical Properties

■ Shading Coefficient is the ratio of the solar heat gaining through glazing system based on ratio 1.00 at float glass of 3 mm in thickness. When the ratio is smaller, it means better efficiency of air-conditioning to prevent increasing room temperature.

Model No.	Visible Light Transmittance(%)	Ultraviolet Rejected(%)	Shading Coefficient
□ 3mm float glass (w/o film)	91	35	1.00
■ NS-008HC Peak Smoke	7	99	0.70
■ NS-015HC Dull Smoke	13	99	0.72
■ NS-020HC Regular Smoke	20	99	0.75
■ NS-030HC Pale Smoke	30	99	0.78
■ NS-045HC Bright Smoke	46	99	0.83

Model No.	Visible Light Transmittance(%)	Ultraviolet Rejected(%)	Shading Coefficient
■ MT-15 Metallic	22	99	0.32
■ MTS-100 Metallic Dark Smoke	30	99	0.32
■ FGR-3500 High Performance Transparent Heat Insulation Type	76	99	0.73
■ 8000HC Transparent UV Block	88	99	0.98

*The above data (except UV block) is measured at 3mm float glass by the test procedure based on JIS S3107 which is standard of films for car window.
 *The ratio of Infrared Protected is the average figure at 780nm to 2100nm.
 *The ratio of Solar energy is based on measuring figures at 350nm to 2100nm.