

# S-LEC™ 遮熱中間膜

S-LEC™ Solar Control Film (Heat&UV Isolation Foil)

## 遮熱性能を付与した 合わせガラス用中間膜

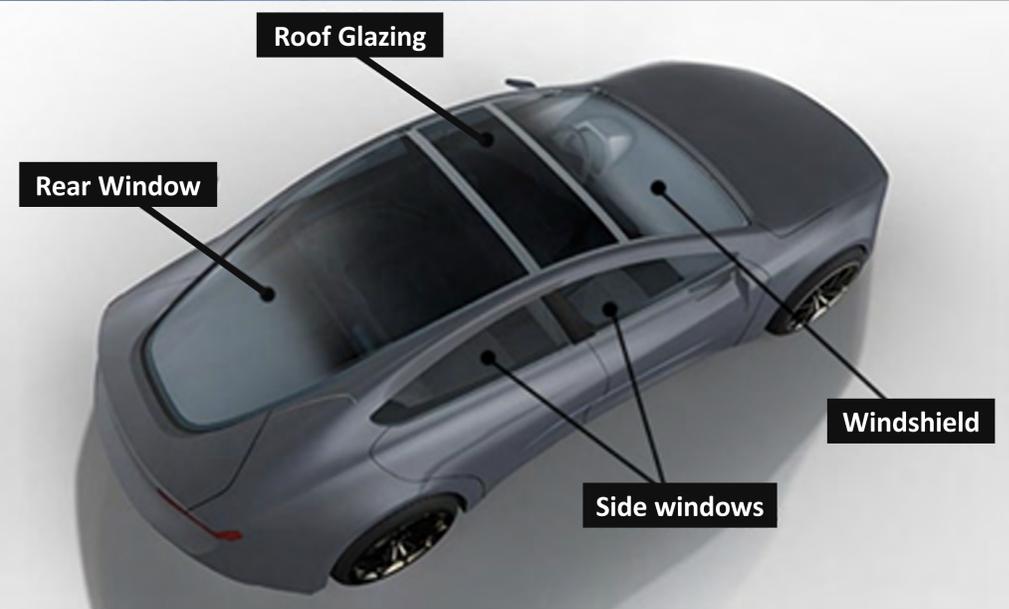
Interlayer films for laminated glass with heat & UV isolation performance

### 用途事例

Potential applications

### 全周囲ガラス

Full-surrounding glass



### Challenge

## 太陽光による車内温度上昇とダメージ防止

Prevention of temperature rise and damage inside the car due to sunlight



### Solution

## UV/NIR カットによる車内環境改善

UV/NIR cutoff for improved cabin environment



## Technology 技術情報

Technical overview

### feature 01 快適性

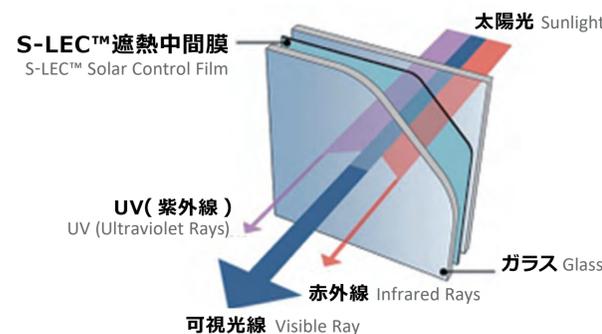
Comfort

#### Features

S-LEC™ 遮熱中間膜は、車内に入り込む太陽の日差しを遮り、快適性をもたらします。

#### Features

The infrared blocking PVB interlayer, S-LEC™ Solar Control Film limits the car's interior temperature increase and keeps you comfortable regardless of the heat outside.



### feature 02 近赤外線を大幅にカット

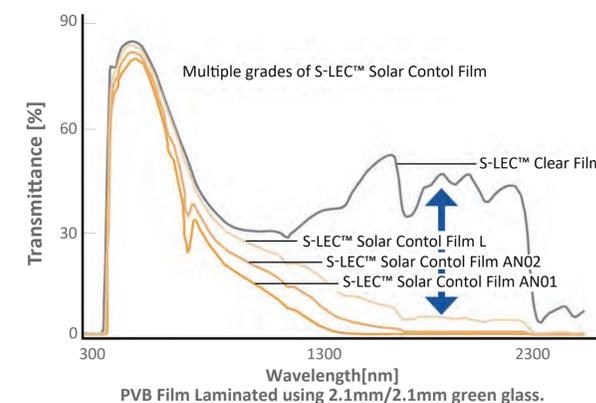
Near infrared ray (NIR) cut

#### Beauty/Health

肌をジリジリと刺激して熱さを引き起こしたり、しわやたるみの原因となる近赤外線をブロックします。

#### Beauty/Health

Blocks near-infrared rays(1500-2100nm) that can irritate the skin and cause heat, wrinkles, and sagging.



### feature 03 電費貢献

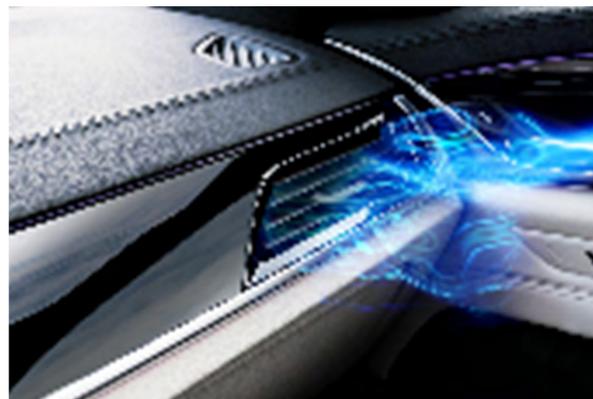
Energy consumption

#### Application for EV

エアコンの消費電力を抑えることでEVの走行距離の延長にも貢献します。

#### Application for EV

By reducing the power consumption of the air conditioner, this contributes to extending the driving range of the EV.



### feature 04 優れた電波透過性

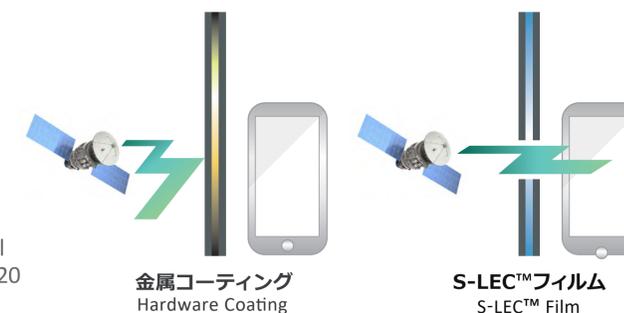
Electromagnetic Transmittance

#### Using electronic toll devices

金属コーティングされた遮熱ガラスと異なり、S-LEC™ 遮熱中間膜は電波の透過が可能です。

#### Using electronic toll devices

Unlike metal coatings, which significantly reduce electromagnetic transmissions necessary for modern communication devices, S-LEC™ films retain excellent electromagnetic transparency in all product types. Metal coatings shield electromagnetic at all frequencies by 10-20 db when compared to S-LEC™ Films.



展示会特設Webサイト  
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