



## CHARACTERISTICS

- super-clear PET base material
- minimal signal interference
- blocks 99% of UV rays
- easy to install and shrink
- exceptional clarity

## LAYER DESCRIPTIONS

**Hard Coating**  
Anti-scratch

**Adhesive**  
Urethane-based adhesive

**Base Film**  
Optical-grade polyethylene terephthalate (PET)

**Pressure-Sensitive Adhesive**  
Acrylic-based adhesive

**Liner/RF**  
silicone-based liner

## APPLICATIONS

For automotive use (other uses may apply).

## APPLICATION SURFACE

Intended for interior application on both flat and curved automotive glazing.

## APPLICATION METHOD

Window films are to be professionally applied by skilled, well-trained, and authorized installers.

# STEK® Window Film

## Technical Data Sheet

## PRODUCT DESCRIPTION

Featuring advanced window films that never fade, our SMART+ series provides both unmatched clarity and top-notch style. Nano-ceramic particles dispersed throughout the film guarantee optimal heat rejection, while the film's lack of metal layers ensures zero interference with radio and satellite signals.

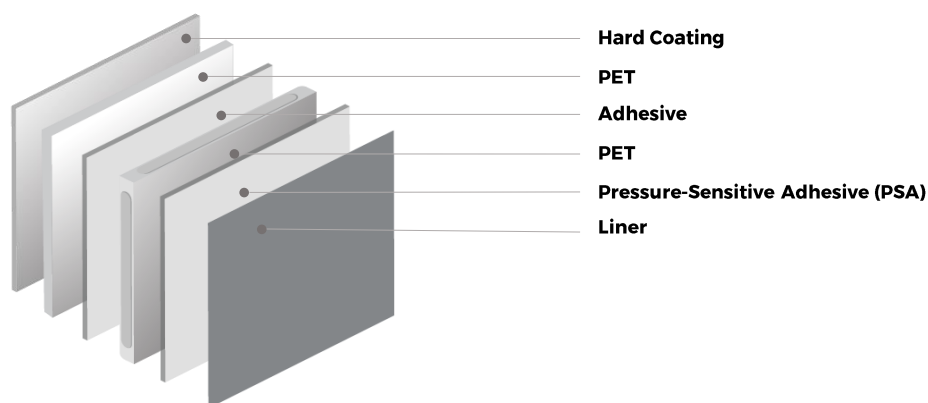
## STORAGE INSTRUCTIONS

Recommended Temperature Range: 20±2 °C (68±2 °F)

Recommended Relative Humidity: 40-60%

Avoid extreme temperature ranges in storage. Store the product in its original packaging in a horizontal orientation, away from direct sunlight. Do not place heavy objects on top of the packaging, as this may damage the product.

## LAYER STRUCTURE



## PROPERTIES

|                                    |                      |               |
|------------------------------------|----------------------|---------------|
| Thickness                          |                      | 1.5mil (2ply) |
| Visible Light Transmittance        |                      | 22.4%         |
| Visible Light Reflected            | Exterior             | 4.7%          |
|                                    | Interior             | 4.7%          |
| Solar Energy                       | Transmittance        | 27.4%         |
|                                    | Reflectance          | 4.8%          |
|                                    | Absorbance           | 67.8%         |
| IR Rejection                       | IRER (IR 780-2500nm) | 53.0%         |
|                                    | SIRR (IR 900-1000nm) | 61.1%         |
|                                    | SIRR (IR 1400nm)     | 78.2%         |
| UV Rejection                       |                      | 99.8%         |
| Solar Heat Gain Coefficient (SHGC) |                      | 0.46          |
| Glare Reduction                    |                      | 75.0%         |
| TSER                               |                      | 54%           |
| Shading Coefficient                |                      | 0.53          |



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### PACKAGE DIMENSIONS

#### Box Dimensions

40" Box: 1120 x 155 x 130 (mm)

60" Box: 1580 x 155 x 130 (mm)

#### Package Weight

40" Box: 5.4 kg (approx.)

60" Box: 7.5 kg (approx.)

### ROLL CONFIGURATIONS

|                       |                   |
|-----------------------|-------------------|
| <b>40 in x 100 ft</b> | 30 m (1016 ±2 mm) |
|-----------------------|-------------------|

|                       |                   |
|-----------------------|-------------------|
| <b>60 in x 100 ft</b> | 30 m (1524 ±2 mm) |
|-----------------------|-------------------|

### NOTES

All data have been collected by STEK Automotive through internal testing standards and methods. Results may differ when using other testing standards.

Reported values are expected properties and should not be used for product certification.

The provided technical information consists of representative product data and should not be used for specification purposes. Unless otherwise noted, all tests are performed at room temperature.

All concerns regarding warranty and liability are subject to the terms and conditions of sale. When applicable, these terms and conditions are governed by prevailing laws.

Prior to application, the user must determine the suitability of the product for its intended use, and assumes all risk and liability therein.

### WARRANTY

**Limited lifetime warranty**