



NEX+ 45

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

Our stylish NEX+ series offers the ultimate window film that never fades, providing exceptional clarity. The premium nano-ceramic particles dispersed within the film ensure superb heat rejection performance, while the film's lack of metal layers guarantees zero interference of radio and satellite signals.

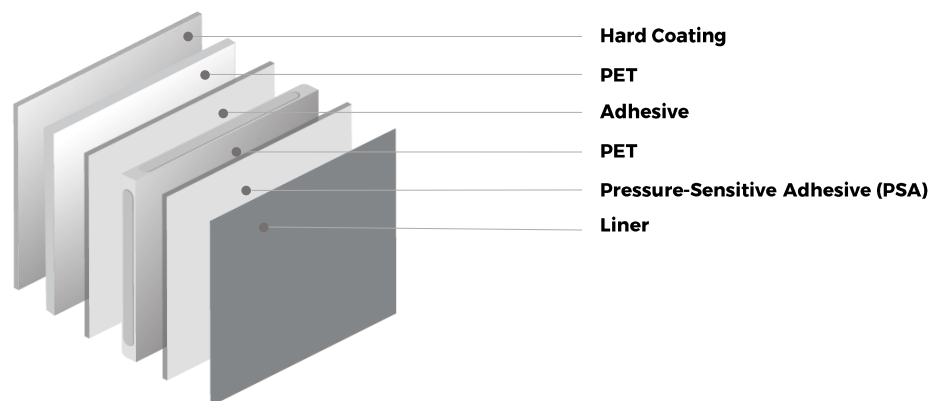
STORAGE INSTRUCTIONS

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)	Test Method
Visible Light Transmittance		45.1%	ASTM E424
Visible Light Reflected	Exterior	5.5%	
	Interior	5.5%	
Solar Energy	Transmittance	25.5%	
	Reflectance	4.7%	
	Absorbance	69.8%	
IR Rejection	IRER (IR 780-2500nm)	67.6%	
	SIRR (IR 900-1000nm)	89.6%	
	SIRR (IR 1400nm)	98.0%	
UV Rejection		99.5%	
Solar Heat Gain Coefficient (SHGC)		0.44	
Glare Reduction		49.6%	
TSER		56%	
Shading Coefficient		0.51	



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.)

STEK® Window Film

Technical Data Sheet

ROLL CONFIGURATIONS

40 in x 100 ft	30 m (1016 ±2 mm)
-----------------------	-------------------

60 in x 100 ft	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