

Technical Data Sheet



CHARACTERISTICS

- TPU base material
- 100% nano-ceramic material
- zero signal interference
- blocks 99% of UV rays
- easy to install
- exceptional clarity

LAYER DESCRIPTIONS

Cap Sheet

Protects film before use

Top Coat

Hydrophobic and scratch-resistant

Base Film

TPU(Thermoplastic polyurethane)

PSA

(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.

PRODUCT DESCRIPTION

NEX+ CURVE window film utilizes a TPU-based construction, eliminating the need for traditional heat shrinking with a heat gun during installation. Unlike standard PET-based films, its superior Conformability allows for a much faster installation process directly on the glass. This innovation significantly reduces the time and physical effort required for installers, maximizing overall shop productivity. By bypassing the Shrinking stage, NEX+ CURVE offers a streamlined workflow that sets a new standard for efficiency in the tinting industry.

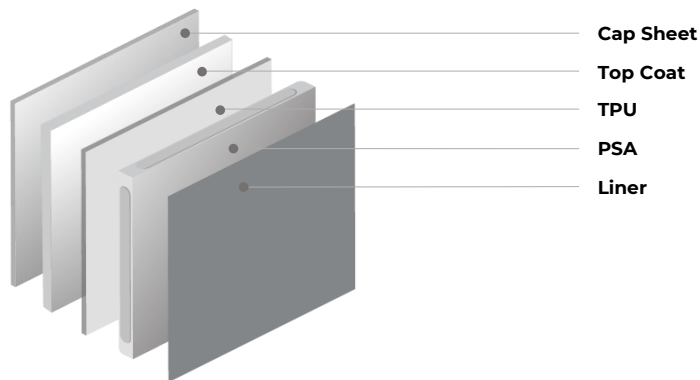
STORAGE INSTRUCTIONS

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

			Test Method
Thickness		93±5µm	-
Visible Light Transmittance		34.4%	ASTM E903
Visible Light Reflected	Exterior	4.9%	
	Interior	4.9%	
Solar Energy	Transmittance	22.3%	
	Reflectance	4.4%	
	Absorbance	73.3%	
IR Rejection	IRER (IR 780~2500nm)	64.9%	
	SIRR (IR 900~1000nm)	88.3%	
UV Rejection		>99%	
Solar Heat Gain Coefficient (SHGC)		0.42	
Glare Reduction		61.5%	
TSER		58%	
Shading Coefficient		0.48	



STEK® Window Film

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PACKAGE DIMENSIONS

Box Dimensions

48" Box: 1330 x 185 x 180 (mm)

ROLL CONFIGURATIONS

48 in x 50 ft

15 m (1220 ±2mm)

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.