

STEK® Window Film

Technical Data Sheet



ICY 05

CHARACTERISTICS

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

LAYER DESCRIPTIONS

Base Film

optical-grade polyethylene terephthalate (PET)

Adhesive

acrylic-based adhesive

Liner/RF

silicone-based liner

Overall Thickness

1.5 mil (2-ply)

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

The ICY series features high-performance window films that effectively block exposure to harmful UV rays. With their slightly reflective look, our uniquely constructed films contain thinner metallized layers that minimize the interference of radio and satellite signals.

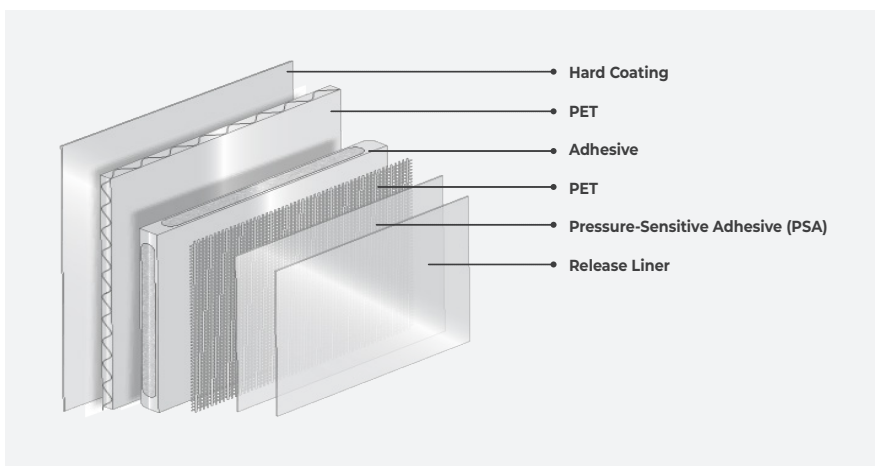
MAINTENANCE AND CLEANING

To maximize the life of the window film, follow these instructions for proper care and maintenance.

1. Always use clean, soft materials to wash and dry window film surfaces.
2. The window film may be cleaned with most conventional washing solutions. Avoid ammonia-based window-cleaning products.
3. A soft cloth (microfiber recommended) or clean synthetic sponge should be used for washing. For subsequent drying, a clean, soft cloth or soft rubber squeegee is recommended.

DO NOT CLEAN THE FILM FOR AT LEAST 30 DAYS FOLLOWING INSTALLATION.

LAYER THICKNESS



TRANSMITTANCE INFORMATION

Visible Light Transmittance		5.6%
Visible Light Reflected	Exterior	4.9%
	Interior	4.8%
Solar Energy	Transmittance	37.2%
	Reflectance	5.8%
	Absorbance	57.1%
IR Rejection	900 nm - 1000 nm	39.2%
	1400 nm	35.5%
UV Rejection		99.0%
Glare Reduction		94.4%
TSER		44.0%

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PACKAGE DIMENSIONS

Box Dimensions

150 mm x 140 mm x 1610 mm

Package Weight

6.9 kg (approx.)

Complete Package Contents

white plastic core PET tube, 2 core caps,
transparent plastic packaging, core fixing
tape, red PP closing tape, film roll

ROLL CONFIGURATIONS

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

5-year warranty