

STEK® Paint Protection Film Technical Data Sheet



CHARACTERISTICS

- High-gloss black finish
- Super hydrophobic
- Self-healing
- Anti-yellowing
- Anti-contamination

APPLICATIONS

For automotive use
(other uses may apply).

APPLICATION AREAS

Flat surfaces, simple curves,
and compound curves

APPLICATION METHOD

Paint protection films are to be
professionally installed by trained,
authorized installers.

SHELF LIFE

Paint protection films should be
installed within one year from the
date of purchase.

LAYER DESCRIPTIONS

Cap Sheet

Protects film before use

Self-Healing Top Coat

Hydrophobic and scratch-resistant

Colored TPU

High-clarity and impact-resistant

Pressure-Sensitive Adhesive (PSA)

For easy installation

Release Liner

Protects film before use

LAYER THICKNESS

155 ± 10 µm

PRODUCT DESCRIPTION

Our innovative BLACK effect transforms any original paint color into a high-gloss black. On top of providing polished style, our self-healing paint protection film features hydrophobic properties as well as high resistance to stains, chemicals, and contamination, effectively guarding against wear and tear. Unlike vinyl films and paint jobs, which have inferior damage resistance properties, BLACK effect caters to both protective and stylistic needs—making it unparalleled in practicality and value.

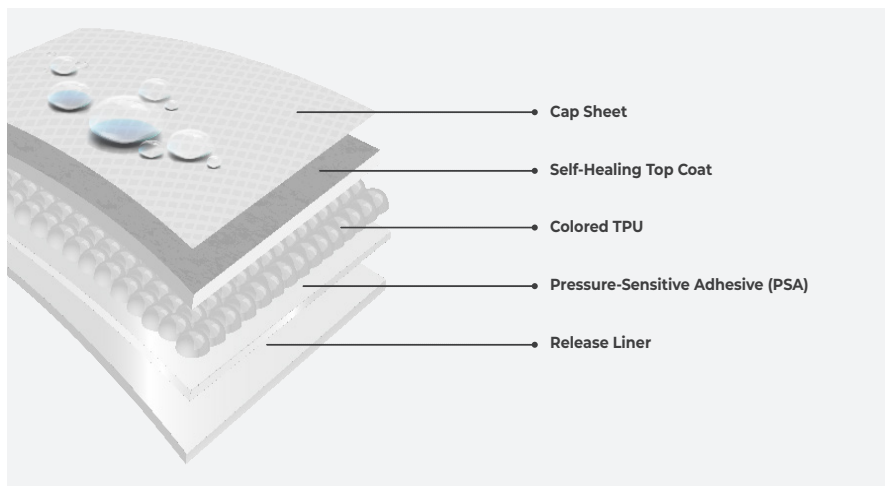
STORAGE INSTRUCTIONS

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.

STRUCTURE



PROPERTIES

Gloss	>86 Gu
Self-Healing	Super
Coating Layer Crack	>55 mm
Adhesion (30 min.)	>1000
Adhesion (24 hrs)	>2100
Hydrophobicity	Super hydrophobic
Weathering	No change 6500 W Xenon Arc Irradiance: 0.51 W/m ² (340 nm), 65° C Humidity: 50%, R.H. 1000 hrs

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**PACKAGE
DIMENSIONS**

Box Size
1630 x 185 x 180 (mm)

ROLL CONFIGURATIONS

60 in. x 50 ft (1524 mm x 15 m)

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 only 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 limited warranty

Only applicable in the case of proper handling and use. Terms and conditions apply.