

STEK® Paint Protection Film Technical Data Sheet



CHARACTERISTICS

- Gunsmoke gray coloration
- 30% visible light transmittance (VLT)
- Super hydrophobic
- Self-healing
- Anti-yellowing
- Anti-contamination

APPLICATIONS

For automotive use
(other uses may apply).

APPLICATION AREAS

Vehicle headlights and taillights

APPLICATION METHOD

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

SHELF LIFE

Light 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

TPU

High-clarity and impact-resistant

Pressure-Sensitive Adhesive (PSA)

For easy installation

Release Liner

Protects film before use

LAYER THICKNESS

200 ± 10 µm

PRODUCT DESCRIPTION

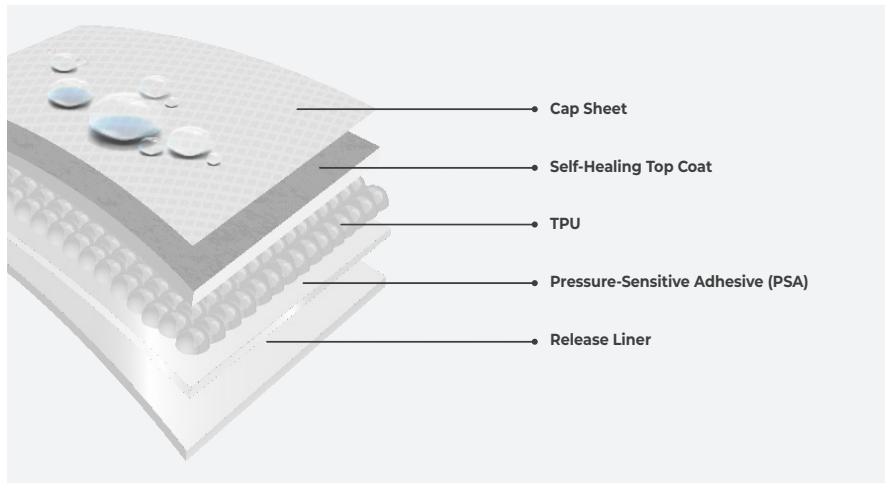
DYNOsmoke is a gunsmoke gray-colored TPU light protection film (LPF) with a proprietary top coating. DYNOsmoke provides optimal headlight protection against water spots, insects, bird droppings, road oils, reduced surface gloss, and yellowing caused by smoke and pollution. Our shock-proof LPF also protects the headlights against chipping, scratches, and car wash brushes, while its excellent self-healing properties ensure that small scratches disappear over time.

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	>60 mm
Adhesion (30 min.)	>1300
Adhesion (24 hrs)	>1500
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
730 x 185 x 180 (mm)

ROLL CONFIGURATIONS

24 in. x 50 ft (610 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 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

7-year limited warranty

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