



**DYNOSHade**

**CHARACTERISTICS**

- Violet-tinted coloration
- 45% 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**

**CapSheet**

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**

225 ± 10µm

# STEK® Paint Protection Film Technical Data Sheet

**PRODUCT DESCRIPTION**

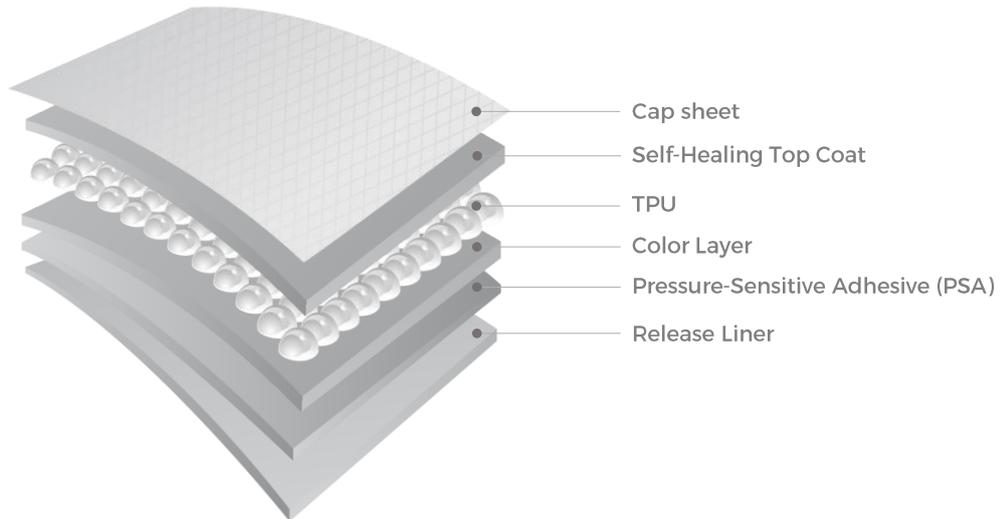
DYNOSHade is a TPU light protection film (LPF) with a violet-tinted tint and a proprietary top coating. DYNOSHade provides optimal headlight protection against water spots, insects, bird droppings, road oils, reduced surface gloss, and yellowing caused by smoke and pollution. Our shock-proof LPF also 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**

<b>Gloss</b>	>86 Gu	ASTM D523
<b>Coating Layer Crack</b>	>60 mm	ASTM D412
<b>Adhesion (30 min.)</b>	>1300	ASTM D3330
<b>Adhesion (24 hrs)</b>	>1500	
<b>Self-Healing</b>	Super	
<b>Hydrophobicity</b>	Super hydrophobic	
<b>Weathering</b>	No change 6500 W Xenon Arc Irradiance: 0.51 W/m <sup>2</sup> (340 nm), 65° C Humidity: 50%, R.H. 1000 hrs	

# Technical Data Sheet

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## PACKAGE DIMENSIONS

### Box size

730 x 185 x 180 (mm)

## ROLL CONFIGURATIONS

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24 In. x 50 ft

(610 mm x 15m)

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## 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.