



# STEK® Paint Protection Film Technical Data Sheet

## PRODUCT IMAGE



## CHARACTERISTICS

- Ultra gloss red forged-carbon 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

### TPU

High-clarity and impact-resistant

### Pattern + TPU

Provides forged-carbon pattern finish

### Pressure-Sensitive Adhesive (PSA)

For easy installation

### Release Liner

Protects film before use

## LAYER THICKNESS

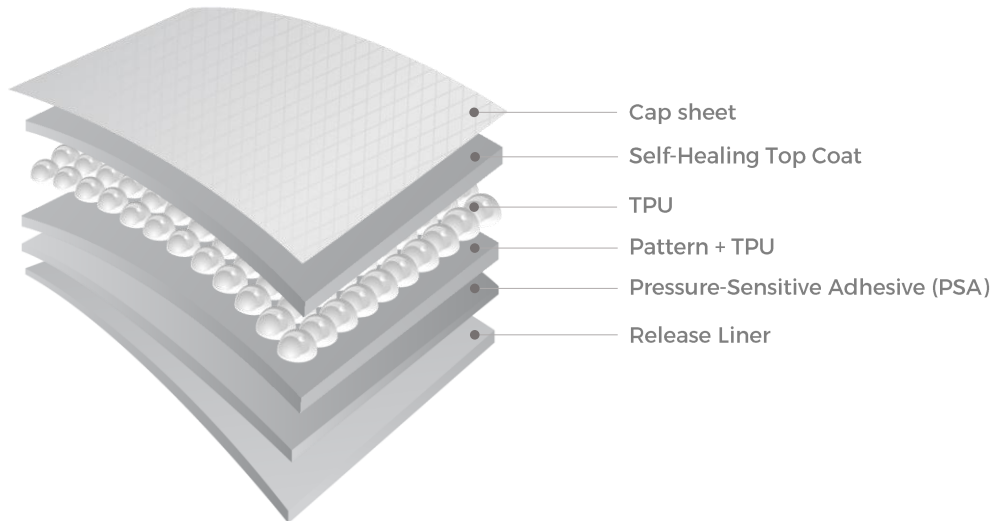
240 ± 10<sub>μ</sub>m

## 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>               | >94 Gu  | ASTM D523  |
| <b>Coating Layer Crack</b> | >60 mm  | ASTM D412  |
| <b>Adhesion (30 min.)</b>  | >1000   | ASTM D3330 |
| <b>Adhesion (24 hrs)</b>   | >1300   |            |
| <b>Self-Healing</b>        | Super   |            |
| <b>Hydrophobicity</b>      | Super hydrophobic   |            |
| <b>Weathering</b>          | No change<br>6500 W Xenon Arc<br>Irradiance: 051 W/m <sup>2</sup> (340 nm), 65° C<br>Humidity: 50%, R.H. 1000 hrs |            |

# Technical Data Sheet

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## PACKAGE DIMENSIONS

### Box size

1630 x 185 x 180 (mm)

## ROLL CONFIGURATIONS

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60 In. x 32 ft

(1524 mm x 10m)

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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.

## WARRANTY

### 12-year warranty

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