

# DTEC 261 PU Paint Protection Film

## Product Description

DTEC 261 PU film is a 195µm aliphatic polyurethane glossy clear protection film specially designed for protection of vehicle bodies. It has a special top-coating with a gloss surface that results in the film being highly resistant to stone chipping / scratches, insect stains and car wash brushes damage on vehicle painted surfaces. Next to this, it is resistant to orange peel, yellowing and UV and due to its water-repellent feature the surface is very easy to clean. Surface scratches in the film are eliminated with the help of its self-healing property. This is intended as the ability to recover under warm sunlight (>30°C) or with the help of e.g. heat-gun from mar or slight abrasion, not to major large scratches.

## Technical Data

Facefilm	Aliphatic TPU, Thermoplastic Polyurethane
Thickness	195 micron
Adhesive	High performance acrylic adhesive, non-yellowing
Adhesive Strength	> 18N after 24 hours
Protective Film	No
Release Liner	PET film, 85 micron
Taber Abrasion	ASTM D-1044: < 3,5 g
ThourGloss Value	OTM-3-309: < 95
Surface Haze	ASTM D: < 1%
Tensile Strength	ASTM D-412: 28 N/mm <sup>2</sup>
Elongation at Break	ASTM D-412: > 300%
Temperature	- 15°C to + 85°C, application temp: > 10°C
Fuel Resistance Test	No change
Shelf Life	2 years when stored at 15 to 25°C and ± 50 % relative humidity (in original packaging)
Artificial Weathering	> 6 - 8 years outdoor, vertical exposure, middle-European climate

## Application guidelines

Allow material to adapt to room conditions for 24 hours before application. It is advised to use an application gel dedicated to PPF application and which contains no alcohol / IPA. The vehicle surface should be at a temperature of between 13°C and 25°C and thoroughly cleaned. PPF should not be applied on a freshly painted car.

## Disclaimer

All technical data and advice is based on our experience and measured testing that we believe to be reliable. It remains the customer's responsibility to test our products suitability for the purpose intended. The quality of our products is regularly examined, upgraded and developed. We reserve the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of their products in accordance with their latest knowledge.