



NANOTEK
SURFACE SCIENCE

THE BEST PROTECTION
YOU'LL NEVER SEE

DEFENDER

High performance, ultra smooth high gloss protection

WWW.NANOTEKPPF.COM

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High performance, ultra smooth
high gloss protection

Nanotek Defender lives up to its name. With a stiffer entry-level topcoat, this film provides robust protection to a vehicle's paint, whilst also safeguarding against staining from environmental elements.

With Nanotek® Defender you can feel safe knowing your paint is protected without compromising on quality.

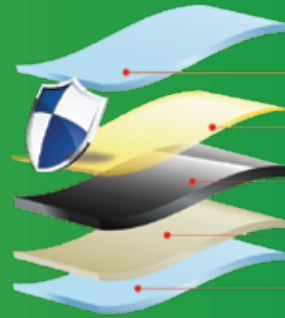
- Self-healing technology
- 5 years warranty, up to 10 years durability
- 150 microns thickness
- Ultra-smooth and high gloss top layer
- Elasticity up to 400%
- Heals under direct heat application
- Scratch, impact and stone chip resistant

CHARACTERISTICS

By combining a new, clear top layer with a proven aliphatic polyurethane resin, Nanotek® Defender is the ideal protective film for any surface. Its superior stain resistance makes it a 'must have' for white cars. Nanotek® has already achieved OEM status and is factory mounted on vehicles around the world. However not only cars benefit from the optimal protection that Nanotek® offers. Every day cars, trucks, motorcycles, boats and other vehicles worldwide are provided with this high-quality invisible protective layer.



CLARITY
GLOSS
PROTECTION



Protective Cap Sheet

To protect film during transportation

Self Healing top coat

This layer provides superior shine and protection

Aliphatic Urethane film

Durable, soft and high impact resilient layer

Acrylic Adhesive

Crystal clear adhesive system

Strong Polyethylene liner

Helps to allow computer cutting on plotter

Technical Information

Type:	Polyurethane
Colour and surface:	High Gloss
Thickness:	150 microns (5.9 mil)
Elongation - percent (ASTM D882):	400%
Peel (PSTC-101) 3D/RT/SS:	320Nm/25mm
Shear (PSTC-101) 1hr DwellSS:	Avg 257 mins/4:28 hr
Gravelometer (SAEJ4000):	Pass (no ruptures)
Outdoor Weathering - 24 months: Arizona 45° South Exposure (Range 35°-105°F)	Pass (no changes)
Chemical resistance: Isopropanol/water 1:1 Carburettor cleaner (brushing test)	Pass (no effect)

