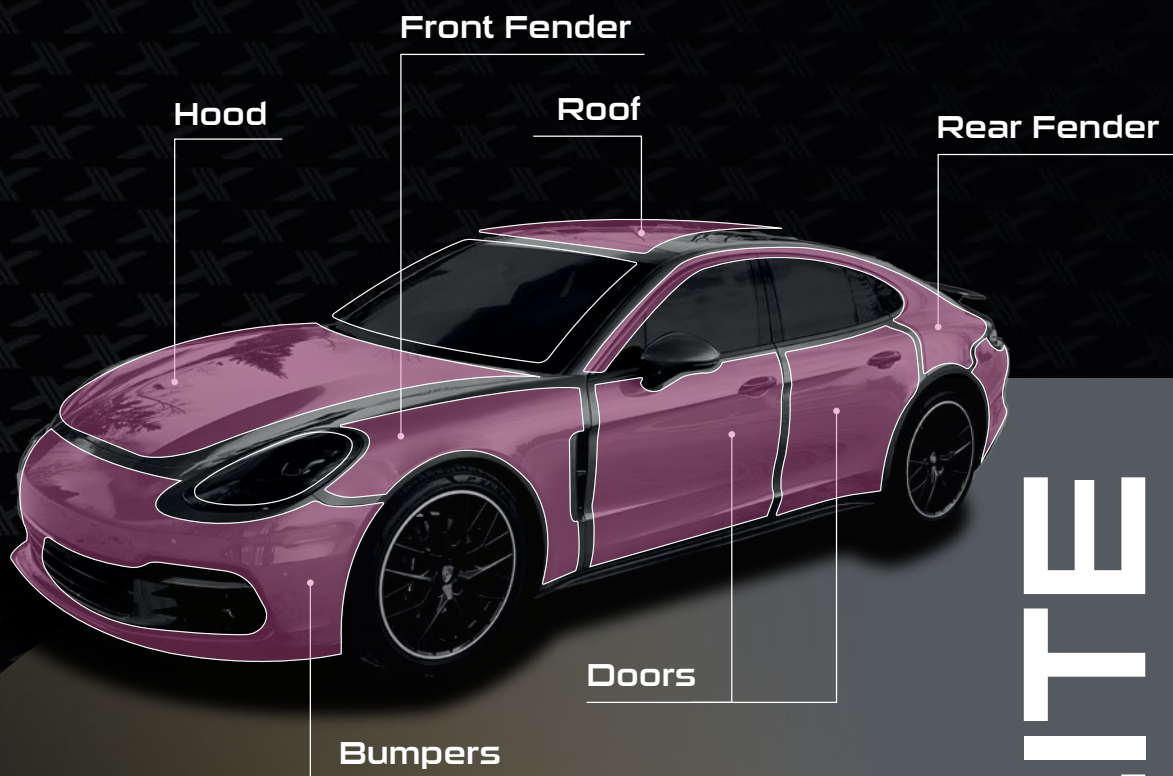


FlexiShield

Paint Protection Film

www.FlexiShield.com



What is Paint Protection Film?

Paint Protection Film (PPF) is a soft film material made from **thermoplastic polyurethane (TPU)**. Paint Protection Film is specifically cut to fit the make and model of any car - using FlexiShield's RAP 2.0 software - and is applied to the car exteriors and sometimes interiors. TPU is incredibly tough and durable, and possesses a "self-healing" property that allows it to return to its original shape when stretched, distressed, or scratched.

PPF can also be designed to be **water repellent, stain resistant, and transparently glossy or satined**. PPF can maintain and increase the value of a vehicle, not only by protecting its paint and finishings, but also by enhancing the appearance of the vehicle's surface.

Because of its superior technology and in-house manufacturing FlexiShield is the ultimate choice in Paint Protection Film, and remains the established preference for the most demanding car owners and installers.

A brand of:



EXTREME

COVERAGE YOU CAN COUNT ON!



Manufactured in the US
using imported base TPU
material. Developed & tested
under the blazing Arizona sun.

FlexiShield BHP Lite

Premium Protection, Smart Price

FlexiShield's BHP Lite paint protection film is an affordable yet highly effective solution for preserving your vehicle's paint. Offering the same cutting-edge technology as the premium BHP version, BHP Lite provides reliable protection against chips, scratches, and environmental contaminants at a lower price point.



A more affordable alternative to the standard BHP film without sacrificing quality or performance.



Minor scratches vanish over time, keeping your car looking pristine.



Provides near-invisible protection, maintaining the original color and shine of your vehicle.

Its ultra-thin construction ensures it won't alter the appearance of your car while delivering superior durability. Ideal for those on a budget, BHP Lite is easy to install and maintains a sleek, glossy finish.

7.5mil (190μ) TPU Glossy
Imported Base TPU
5-year warranty

BHP LITE SPECIFICATIONS

Total Thickness	7.5 mil (191 μ)*	PCE Thickness Gauge
Top Coat	0.5 mil (13 μ)	
Polyurethane Film	6.0 mil (153 μ)*	
Adhesive	1.0 mil (25 μ)	

UV Accelerating Test - 3000 Hours, 105°F - Pass (Equivalent to 5 years)

TPU Haze (Clarity) Δ	1.60 %	ASTM D1003-1 Original 0.8
Yellowing Δ	< 2.20 %	ASTM D1925-70
Self Healing Δ	Pass	Lab Testing
Cold Slam - Cracking or Peeling	Pass	TPJLR.52.055
Elongation (at break MD)	>330 %	ASTM 6775-13
Stain Resistance (Unleaded gasoline, Kerosene)	No cosmetic defects	Lab Testing
20° Gloss (Stainless steel surface)	>94 GU	Gloss Meter 20°
Chip Resistance Gravelometer	No damage on paint	ASTM D3170

Adhesion Performance

Peel Adhesion 180 Degree Peel 1.0 mil coating Paint Surface	449.0 N/m	41 oz/in	20 minutes at room temperature
	481.0 N/m	44 oz/in	24 hours at room temperature
	514.0 N/m	47 oz/in	1 week at room temperature
	689.0 N/m	63 oz/in	1 week at 160°F/70°C
	765.0 N/m	70 oz/in	1 week at 95°F/ 35°C, 95% RH

* Thickness tolerance: Maximum +/- 8%. Data provided by TPU manufacturer.

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Total Quality. Assured.



SGS



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ISO 9001
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