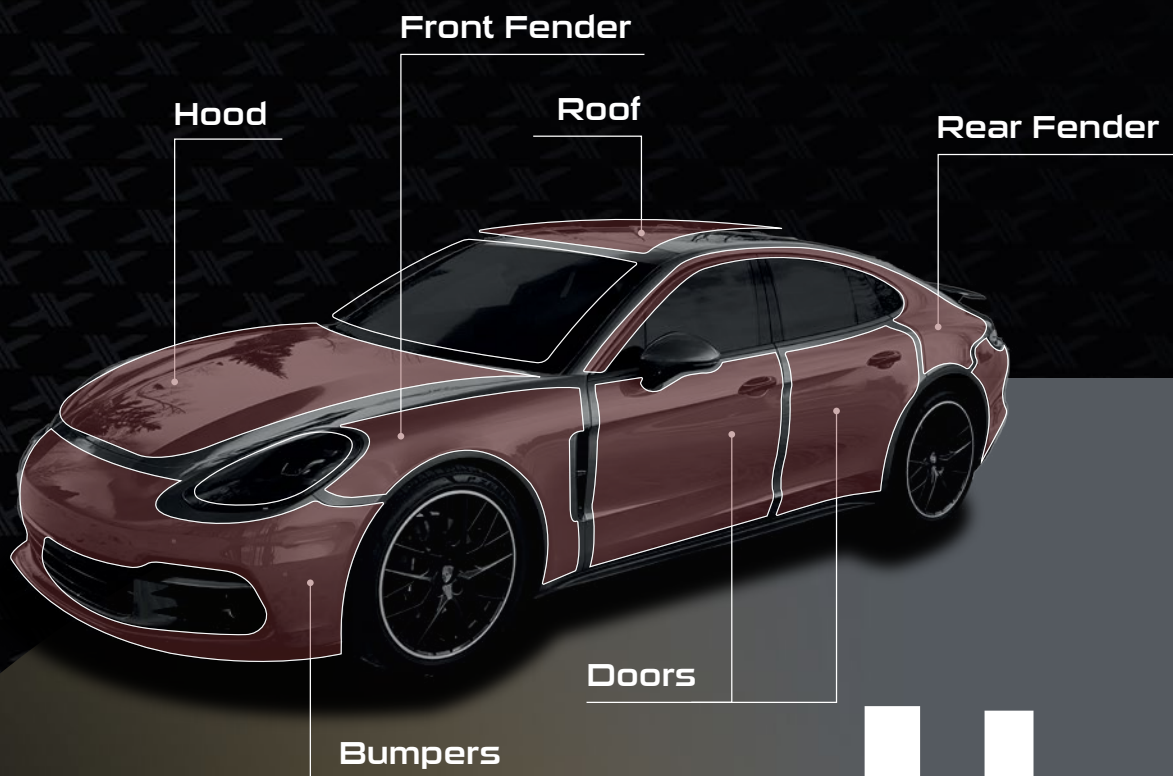


FlexiShield

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:



FFCF

COVERAGE YOU CAN COUNT ON!



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

FlexiShield RPF

FlexiShield's Race Protection Film

FlexiShield's Race Protection Film is a high-performance paint protection film designed to safeguard your vehicle's exterior during high-speed events like track days, racing, or off-road adventures. Constructed from durable TPU, this film offers exceptional resistance against rock chips, road debris, and abrasions, all while maintaining the vehicle's appearance.



Drive your sports car like it was meant to be driven.



A tough protection against track and off-road hazards.



Engineered for quick installation, and fast and clean replacement.

FlexiShield RPF is specifically engineered to be temporary, easily removable without leaving residue or damaging the underlying paint. Its unique adhesive formulation ensures a secure bond during intense conditions but allows for fast and hassle-free removal once the event is over. This makes it the ideal solution for performance enthusiasts who want to protect their vehicle without the need for permanent installations. Whether for track racing, autocross, or high-performance driving, Race Protection Film provides reliable protection while keeping your car looking its best.

RPF SPECIFICATIONS

Total Thickness	7.0 mil (178 µ)*	PCE Thickness Gauge
Top Coat	0.5 mil (13 µ)	
Polyurethane Film	5.5 mil (140 µ)*	
Adhesive	1.0 mil (25 µ)	

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

TPU Haze (Clarity) Δ	1.80 %	ASTM D1003-1 Original 0.8
Yellowing Δ	< 2.40 %	ASTM D1925-70
Self Healing Δ	Pass	Lab Testing
Cold Slam - Cracking or Peeling	Pass	TPJLR.52.055
Elongation (at break MD)	>320 %	ASTM 6775-13
Stain Resistance (Unleaded gasoline, Kerosene)	No cosmetic defects	Lab Testing
20° Gloss (Stainless steel surface)	>92 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.

FlexiShield USA HQ & Manufacturing

+1 (866) 312 9909

FlexiShield EU Distribution Office

+31 6 3458 3582

FlexiShield ME Distribution Office

+971 50 555 4246

www.FlexiShieldUSA.com
contact@reflektech.com
280 N Roosevelt Ave
Chandler AZ 85226 USA

www.FlexiShieldEU.com
salesEU@reflektech.com
Marconistraat 70H
Gouda 2809PE NL

www.FlexiShieldME.com
salesME@reflektech.com
WH 36/D 06 ABA Avenue
Al Qouz 02, Dubai, UAE

7.0mil (178µ) TPU Glossy
Imported Base TPU
3-year warranty



intertek
Total Quality. Assured.



SGS



AMERICAN
SOCIETY OF
INTERIOR
DESIGNERS

INTERNATIONAL
WINDOW FILM
ASSOCIATION

NGA
NATIONAL GLASS ASSOCIATION



ISO 9001