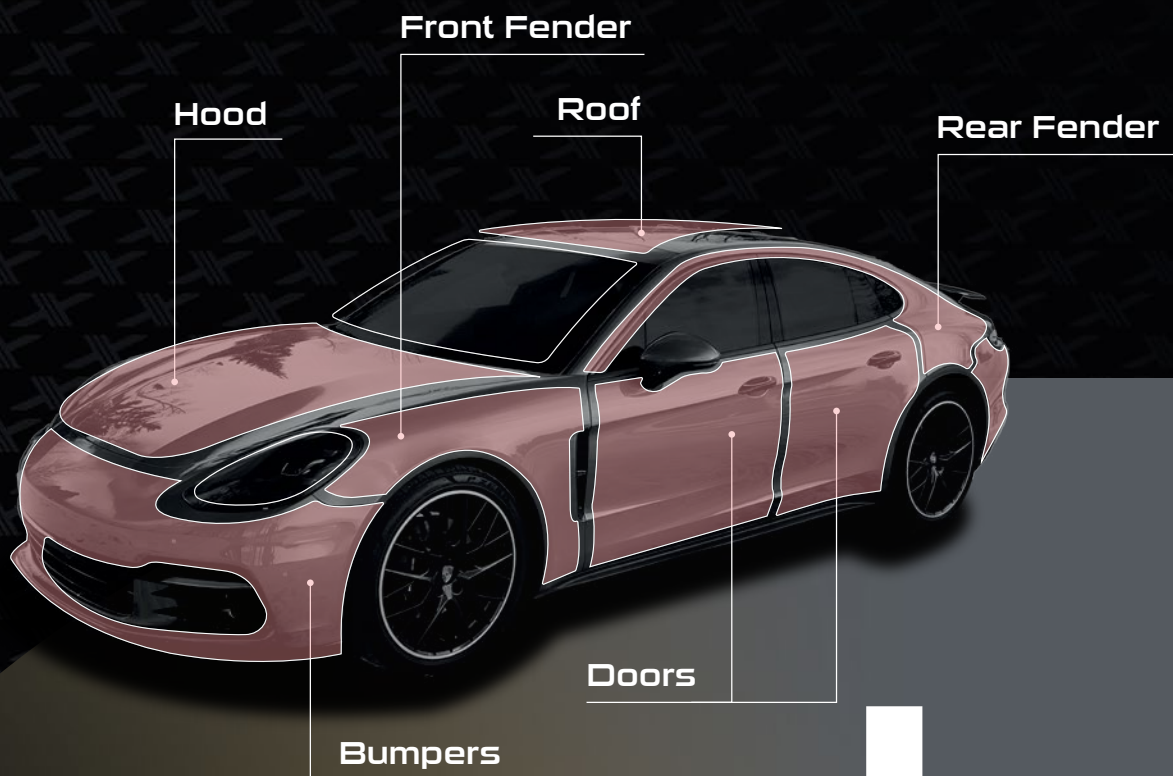


FlexiShield

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:



PAINT

COVERAGE YOU CAN COUNT ON!



100% US manufactured,
developed and tested under the
blazing Arizona sun.

FlexiShield MAT

FlexiShield MAT's elegant satin look

FlexiShield's MAT PPF provides 8,0mil (203μ) of paint protection and an understated, muted look to a vehicle's finish. MAT film also enjoys the same self-healing top-coat and chemical properties as its glossy FlexiShield counterparts.



Deep satin look which enhances the car's lines.



Full TPU protection and self-healing.



Lab- and field-tested under the harshest conditions.

To self-heal, a combination of hard and soft co-polymers react to rebind and retain their surface finish. With FlexiShield MAT you can enjoy a smooth, satin overlay that highlight's your vehicle's geometry, and brings out a new quality to any painted or textured surface.

8.0mil (203μ) TPU
Deep Satin
8-year warranty

MAT SPECIFICATIONS

Total Thickness	8.0 mil (203 μ)*	PCE Thickness Gauge
Top Coat	0.5 mil (13 μ)	
Polyurethane Film	6.5 mil (165 μ)*	
Adhesive	1.0 mil (25 μ)	

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

TPU Haze (Clarity) Δ	2.00 %	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)	>350 %	ASTM 6775-13
Stain Resistance (Unleaded gasoline, Kerosene)	No cosmetic defects	Lab Testing
20° Gloss (Stainless steel surface)	Satin	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



intertek
Total Quality. Assured.



SGS



AMERICAN
SOCIETY OF
INTERIOR
DESIGNERS

INTERNATIONAL
WINDOW FILM
ASSOCIATION



NGA
NATIONAL GLASS ASSOCIATION

