

RPF

FlexiShield Racing Protection Film

FlexiShield Racing Protection Film is a high-performance 7.0mil (178µ) protection film designed to protect your car's paintwork during high-speed events such as track days, races, or off-road adventures. Made from durable thermoplastic polyurethane, this film provides exceptional resistance against rock fragments, road debris, and scratches, while maintaining the appearance of the vehicle. FlexiShield Protective Film is designed to be temporary and easy to remove without leaving residue or causing any damage to the underlying paintwork. Its unique adhesive formula ensures a secure fit in extreme conditions, and can be removed quickly and easily once the event is over.

This is the perfect solution for performance enthusiasts who want to protect their cars without the need for permanent installations. Whether you're into track racing, cone racing, or high-performance driving, FlexiShield Protective Film provides reliable protection while keeping your car looking its best.



Drive your sports car as it was designed to be driven.



Powerful protection against track and off-road hazards.



Designed for quick installation, quick and clean replacement.

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

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

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

