

MAT

FlexiShield MAT's elegant satin look

FlexiShield's MAT PPF provides 8.0mil (203 μ) 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.

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 highlights your vehicle's geometry, and brings out a new quality to any painted or textured surface.



Deep satin look which enhances the car's lines.



Full TPU protection and self-healing.



Lab- and field-tested under the harshest conditions.

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

	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
	514.0 N/m	47 oz/in	1 week 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.

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

