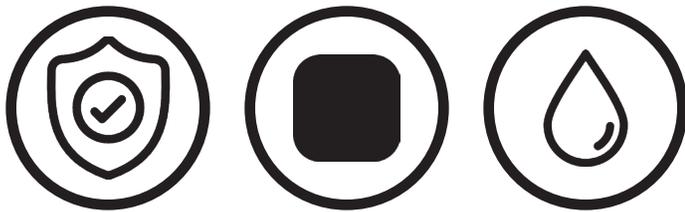
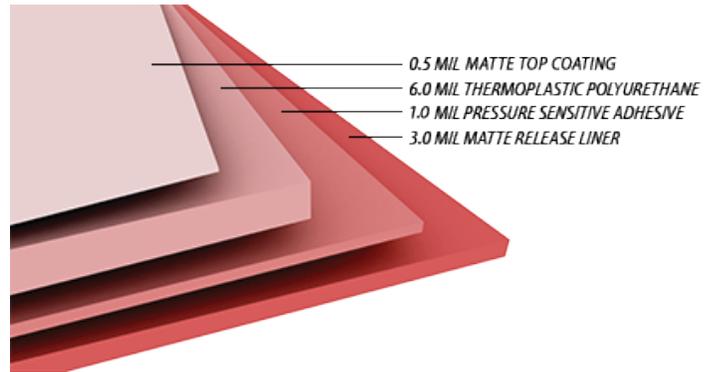


PRODUCT SHEET

MATTE PAINT PROTECTION FILM (MAT)

FlexiShield Matte PPF (MAT) gives an understated, muted look to a vehicle's finish while protecting it at the same time. Matte film also enjoys the same self-healing top coat chemical properties as its glossy counterparts. To self-heal, a combination of hard and soft co-polymers reacts to rebind and retain their shape. Enjoy a smooth, satin overlay that brings a new quality to any car's paint.



MAKES YOUR POSSESSION EVEN MORE SPECIAL

- SELF-HEALING**

The ability to heal is an advanced feature inside the film's coating called thermoplastic polyurethane (TPU), a flexible thermoplastic layer that can self-heal once damage occurs. Slight abrasions, scratches or outdoor hazards can be averted with this advanced chemical property.

- MATTE FINISH**

The matte, satin finish of the top-coat gives the paint a smooth, muted look, instantly improving the aesthetic appeal of the vehicle. It changes the look of the car on the road, while also keeping the paint underneath as new as possible.

- HYDROPHOBIC**

The water resistant top coat prevents rain and other liquids from resting on the vehicle's paint, potentially causing rust or a loss of luster and brilliance.

		Testing Standard
Thickness Total	7.5 mil	
Top Coating	0.5 mil	PCE Thickness Gauge
TPU	6.0 mil	
Adhesive	1.0 mil	
UV Acceleration	3000 Hours, 105° F - Pass	
TPU Haze Δ After 3000 Hours	2.0%	ASTM D1003-13 Original 0.8
Yellowing Δ After 3000 Hours	< 2.4%	ASTM D1925-70
Self Healing Δ After 3000 Hours	Pass	Lab Testing
Elongation	350%	ASTM 6775-13
Cold Slam	No Cracking or Peeling	TPJLR.52.055
Stain Resistance	No Cosmetic Defects	Lab Testing
20 Degree Gloss	Matte	Gloss Meter 20 Degree
Chip Resistance	No Damage on paint	ASTM D3170
Peel Adhesion	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