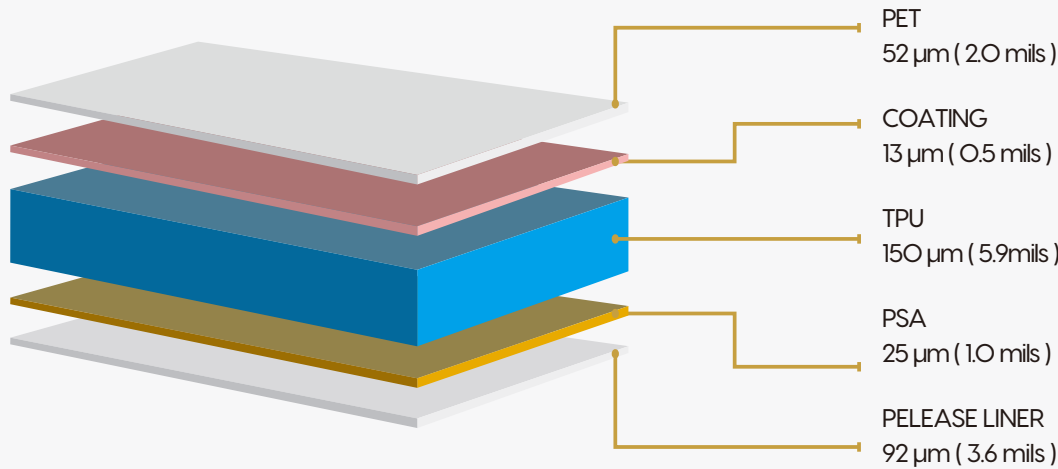




PRODUCT DESCRIPTION

MATTE TPU SERIES-Matte 8

Matte TPU series has three products of different thicknesses, namely, Matte8 and Matte6,Matte series has matte effect like satin texture to match more top luxury car models.It’s made of UPPF's exclusive PLATICOAT™ matte coating, so it has leading anti-fouling and self-healing function to keep the effect lasting.



OVERALL THICKNESS 188 μm
(7.4 mils) +/- 5%

PRODUCT DESCRIPTION

MATTE 8		GENERAL CHARACTERISTICS	
Properties	Typical Values	Testing Conditions	Standards Used
peel strength	8.0 N/cm >7 N/cm >7 N/cm >7 N/cm >7 N/cm	20 mins at room temperature 72hrs at room temperature 168hrs at 70℃ temperature 168hrs by accelerated aging at 35℃ 100% humidity	PSTC 101
TPU thickness	5.9mils	Micrometer	GB/T 6672-2001
Total thickness coating+polyurethane+PSA	7.4mils	Micrometer	GB/T 6672-2001
PET thickness	2.0mils	Micrometer	GB/T 6672-2001
Release liner thickness	3.6mils	Micrometer	GB/T 6672-2001
Tensile strength	28.6MPa		ASTM D882
Elongation	347%		ASTM D882
Coating Elongation	120%		ASTM D882
Tear strength	100.8N/mm		ASTM D624-00(2007)
Puncture strength	18.2N		GB/T 10004
Glossiness	>91GU	60° angle	ASTM D523
UV resistance	99.2%		GB/T 18830
Maximum service temperature	116		
Water Immersion Heat age Shrinkage ratio UV aging Xenon aging	PASS-no change PASS-no change <0.2% PASS-no change PASS-no change	water immersion for 16days at 40℃ 16days at 80℃ 48hrs at 80℃UV (SUV W161) UV (SUV W161) for 21 days Xenon Arc 2,000 hrs	
Stone chip resistance	PASS-no change		SAE J400
Water&soap resistance Acid resistance Gasoline resistance Diesel fuel resistance Motor oil resistance Lacquer thinner resistance grease cleaner resistance Acetone resistance	PASS-no change PASS-no change PASS-no change PASS-no change PASS-no change PASS-no change PASS-no change PASS-no change	check the change for 24hrs after 30 mins immersion	
Stone chip resistance	PASS-no change	Taber Abrasion	