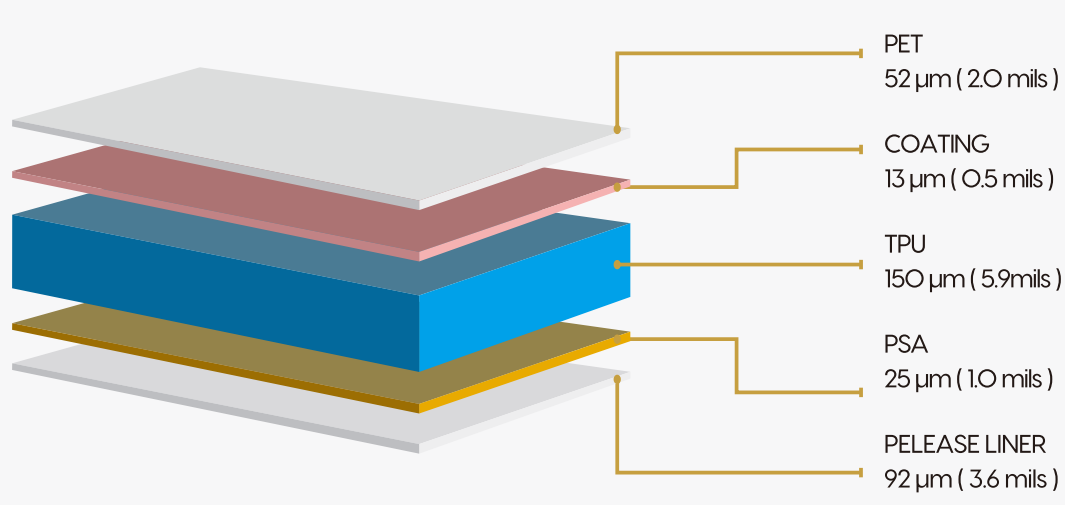


PRODUCT DESCRIPTION

PROFESSIONAL-P2O PLUS

There are two products in the P series, , P2O PLUS of 7.3mil thickness and P1O PLUS of 6.3mil thickness .This series is top grade paint protection film which is made of UPPF's exclusive SHARKBIONIC™ coating.With the performance of strong protection, increased surface brightness, anti-fouling and corrosion ,self-healing ,its quality has overwhelming advantage in similar products .

That's Professional..



OVERALL THICKNESS 188 μm
(7.3mils)+/- 5%

PRODUCT DESCRIPTION

PROFESSIONAL P2O		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	116ℳ		
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	