

FEATURES

- High density and durable coating
- Excellent antifouling performance
- Yellowing and discoloration resistance
- Safely removable, no adhesive residual

PRODUCT STRUCTURE

Material	Aliphatic TPU
Adhesive	Pressure Sensitive Adhesive
Protection Film	50um
Top Coating Layer	6.8 um
Polyurethane	155um
Adhesive	26um
PET liner	75um

**The total thickness variation of the product within 5%.



PAINT PROTECTION FILM

SIGMA

Property	Test Item	Test Method	Unit	Result
Optical Property	Gloss Value	OTM-3-309		≥ 90
Physical Property	Surface Haze	ASTM D-1003	%	1.1
	Tensile Strength	GB/T 1040	psi	3400
	Elongation at break	GB/T1040	%	370
	Taber Abrasion	ASTM D-1044	1000g weight	≤ 4g
	Weathering Properties	TEST 1 *	1000 hours	No Damage
	Chemical Resistance	5% Acid 5% NAOH 100% Alcohol Gasoline	24 hours	No Damage
	Heating Resistance	80°C 2h-20°C 2h 10 cycle test		No Damage

Test 1*: QUV using UVA bolb, 4 hours 50°C UV exposure, 4 hours 60°C condensation.

**The data in this table are laboratory data for reference only.