

FEATURES

- Super soft, Easy construction
- Excellent tensile property
- Durable, High clarity
- Safely removable, no adhesive residual

PRODUCT STRUCTURE

Material	Aliphatic TPU
Adhesive	Pressure Sensitive Adhesive
Protection Film	50um
Top Coating Layer	12.7um
Polyurethane	150um
Adhesive	25.4um
PET liner	50um

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



PAINT PROTECTION FILM

ALPHA

Property	Test Item	Test Method	Unit	Result
Appearance	Rainbow/ Particle	Human-Eye	No Visible (Coated Surface)	Good
Optical Property	Gloss Value	OTM-3-309		≥92
Physical Property	Surface Haze	ASTM D-1003	%	1.6
	Tensile Strength	D-412	psi	9000
	Elongation at break	D-412	%	>300
	Taber Abrasion	ASTM D-1044	1000g weight	≤3.3g
	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 table above shows typical test results for reference only.