

FEATURES

- Flexible & easy to install
- Rockchip protection
- High gloss, durable, high clarity
- Hydrophobic top coat
- Super soft, easy construction
- Excellent tensile property

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 |
|-------------------|-----------------------|---|--------------|-----------|
| 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 data in this table are laboratory data for reference only.