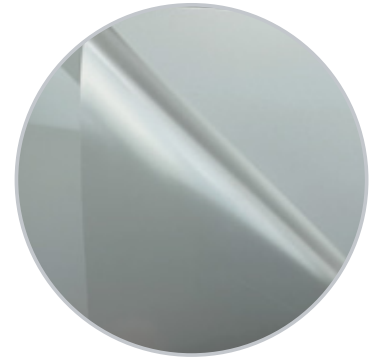


Auto Paint Protection Film

CRTPU1585

Introduction:

SOYANG Auto Paint Protection Film CRTPU1585 is a high-level quality clear self-adhesive TPU film with an easy release liner and transparent removable adhesive, specially designed for the protection of vehicle bodies against stone chips, scratches, etc



Structure:



Top Coating(15um±5)
TPU Film(150um±5)
Adhesive(30um±5)
Release PET Film(85um±5)

Features:

- Virtually clear TPU film with PET liner, 100% PVC-free
- High performance with excellent self-healing, anti-yellowing & long durability
- Reinforced film with clearcoat provides additional protection without changing the vehicle's design features or color
- It keeps vehicles looking newer longer by creating a barrier to protect
- Available in many widths up to 60" to suit a variety of surface dimensions
- Safeguards against stone chips, scratches and paint damage
- Good adhesion for long time use
- Easy and clean removal



Applications:

- | | | | |
|-----------------|------------------------|-------------------------|----------------|
| ◆ Door edges | ◆ Door handle cavities | ◆ Full or partial hoods | ◆ Fenders |
| ◆ Front bumpers | ◆ Rocker panels | ◆ Side mirrors | ◆ Trunk ledges |

Material Details:

PROPERTIES	TEST METHOD	RESULTS
Film thickness	ISO 4591:1992	150±5micron TPU film
Taber abrasion	ASTM D-1044 1000g weight	<3.5g
Glossness	OTM-3-309	>95
Surface haze	ASTM D	< 1%
Adhensive material		30±5micron high performance acrylic, removable, transparent
Adhesive power	FINAT TM1	After 20 minutes: ≥15N After 24 hours: ≥18N
Release paper		85micron PET film
Tensile strength	D412	5000Psi 28MPa
Elongation at break along acorss	D412	min 300% min 320%
5% Acid 5% NAOH 100% Alcohol Gasoline Boiling water resistance	24h check	No change
Heating resistance	80℃ 2h, 20℃ 2h. 10 cycle test	No change
Outdoor weathering	TEST1 3000hours TEST2 1000hours	No change
Available Width		1.52m
Regular Length		15/30/50m
TEST1. QUV using UVA bulb,4 hour 50℃ UV exposure,4 hours 60℃ condensation TEST2. 6500w Xenon Aac, Irradiance: 0.51W/m2(340 nm),65℃ , Humidity 50% R.H		

Shelf Life: 2 years

Service life by specialist application(vertical outdoor exposure): Up to 10years

Notes:

Generally, the ideal storage condition is about 20 °C/50%RH in a cool and dry room, free from excessive moisture, temperature, direct sunlight

The statements in this information sheet are based upon the tests we relied. This data is intended only as a source of information and is given without guarantee and does not constitute a warranty.



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