

MATTE PRO STEALTH PAINT PROTECTION FILM

Technical Data Sheet

MATTE PRO STEALTH is a designed top coating which improves contaminant resistance as general PPF such as watermarks, insects, bird droppings, road oils, exhaust smoke and pollution caused by yellowing.

With its excellent shock-proofing properties it protects vehicle paint chipping from scratches, car wash brushes, it contains self-healing by heat against tiny scratches. Gives a matte appearance to the car.

TOP COATING SURFACE PROPERTIES :

- **Matte (transparent)**
- **Hydrophobic %100**
- **healing (Anti-Scratch)**
- **HD clear TPU**
- **tensile elongation 450 %**
- **Non-yellowing**
- **Super stretch**
- **Glossy 20 %**

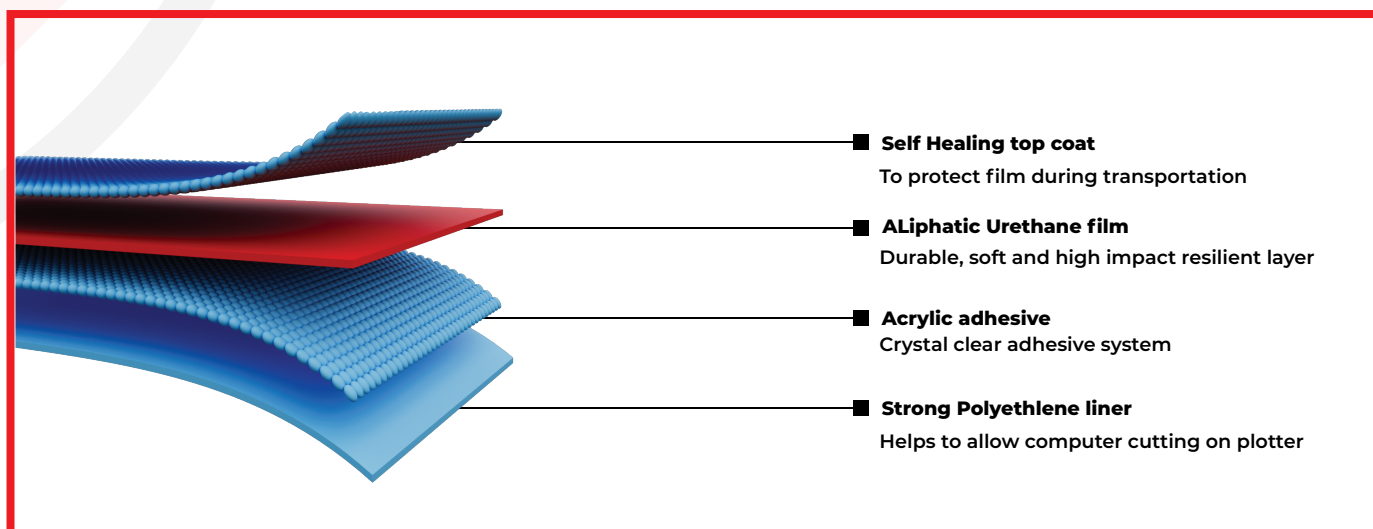
FILM MATERIAL :

This film is a polycaprolactone based, aliphatic TPU film (Lubrizol). It is a low gel, non-yellowing, UV resistant film, and is used in a wide range of outdoor exposed vehicle protect application.

ADHESIVE PROPERTIES

- Easy Removable.
- Repositionable high-performance acrylic (Ashland Adhesives)
- Non-yellowing.
- Top shine protection warrant their range films for a (compliant with the geographical zone)
The warranty period varies according to the film and the geographical zone .
Follow your zone at website/ warranty guide

Top shine PPF Construction :-



NO	TEST ITEM	TEST METHOD & VALUE
1	Roll Size (5*49.2ft)	1.52m*15m
2	Appearance Glossy	Matte Transparent
3	Warranty	Follow your warranty zone conditions
4	Substrate Material	TPU (Lubrizol)
5	Hydrophobicity	Super hydrophobic
6	Structure	5 layers
7	Functional coating	(0.5mil)
8	TPU base layer	(6.0mil)
9	Glue thickness	(1.5 mil)
10	Translucent release layer PET	(3.0mil)
11	Max Apply Temperature	240 F(116°C)
12	Feature	healing Room temperature
13	Gloss Value	> 20 GU at 60° angle
14	Elongation at Break	450 % (D412)
15	Transmittance	>50 %
16	Tensile Strength	5000psi (D-412)
17	Outdoor Weathering	No change (6500W Xenon Arc, Irradiance 0.51 W/m2(340 nm),65°F, Relative Humidity 50% 1000hours
18	SAE J400 gravel test	Not affected
19	Soapy water soaking test	Not affected
20	Thermal aging test-40°C70°C	Not affected
21	Boiling water soaking test	Not affected
22	QUV accelerated aging test	Not affected



TOP SHINE PROTECTION LLC
HEAD OFFICE USA :
30 N GOULD ST ,STE R
SHERIDAN, WYOMING 82801
+1 (385) 421-0097
INFO@TOPSHINE-AUTO.COM
WWW.TOPSHINE-AUTO.COM

Shelf life: TOPSHINE recommends using **MATTE PRO STEALTH** within one year from date of purchase. Optimum storage conditions for **MATTE PRO STEALTH** are 40°F (4°C) to 90°F (32°C), and 40% to 60% relative humidity.