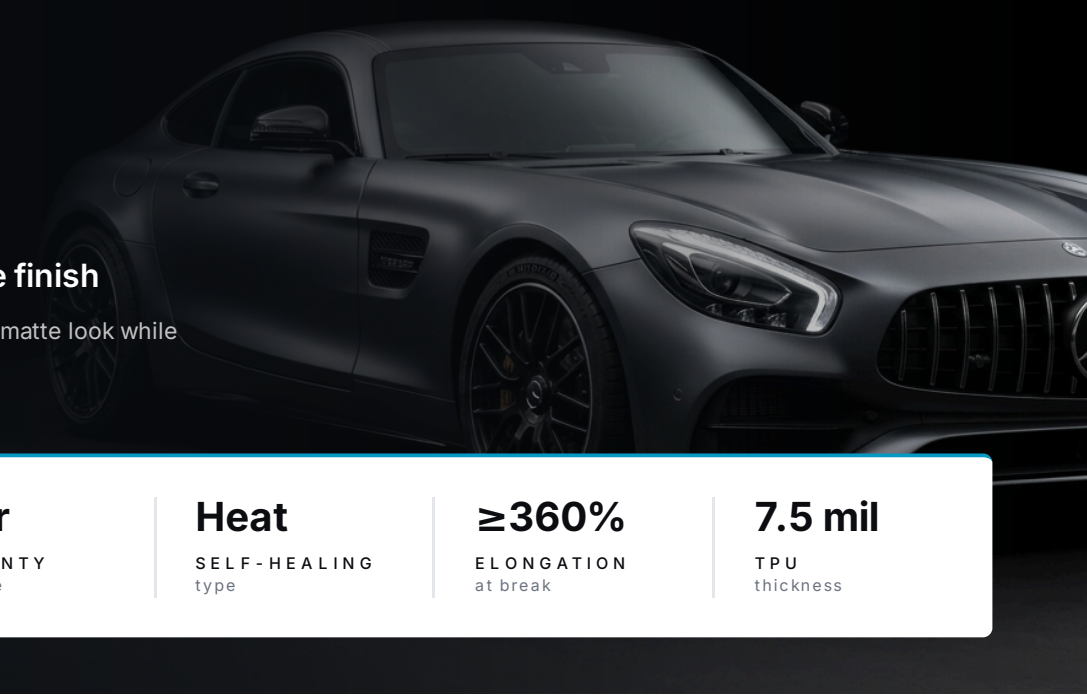
PAINT PROTECTION FILM

MATTE



Deep, non-reflective matte finish

Transforms paint into a bold, stealthy matte look while protecting it.

13-16	10 yr	Heat	≥360%	7.5 mil
GLOSS matte	WARRANTY coverage	SELF-HEALING type	ELONGATION at break	TPU thickness

KEY FEATURES

Transparent matte finish

Gloss 13-16 (Matte), 20-25 (Satin) for a deep, non-reflective look.

Aliphatic TPU construction

7.5 mil TPU with >25 MPa tensile strength shields paint from stone chips and road debris.

Heat-activated self-healing

Minor surface marks disappear when exposed to heat.

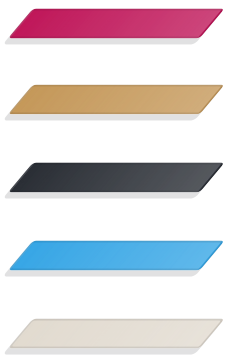
Hydrophobic ExoCoat top-coat

Repels water, dirt and contaminants for easier maintenance.

Stainguard protection

Resists staining and yellowing; no detrimental effect from common chemicals.

CONSTRUCTION



1. **ExoCoat top-coat** — Hydrophobic self-healing top coat
2. **Stainguard layer** — Anti-staining, anti-yellowing layer
3. **Aliphatic TPU** — 7.5mil TPU film
4. **Pressure sensitive adhesive** — Bonds the film to the paint
5. **Release liner** — Polyester, removed before install

Exploded view, not to scale.

MATERIAL & DURABILITY

Warranty **10 Years**	Color **Transparent Matte**	Capsheet material **N/A**
Self-healing type **Heat Healing**	Liner **Polyester**	Hydrophobic **Yes**

Typical values for reference; not specifications.

MATTE | MATTE PAINT PROTECTION FILM

Test Results & Performance Data

SURFACE PERFORMANCE

PROPERTY	RESULT	TEST CONDITION
Stain resistance	**No detrimental effect**	Acetone, Gasoline, Armor All, Diesel, Motor Oil, Soap & Water, 100% Isopropyl Alcohol Immerse for 35 mins, check after 24 h for change
Anti-aging	**ΔE<2, >85% gloss retention**	Heat Aging, Xenon Weathering, EMMAQUA Aging Exposure to UV, IR and humidity reflecting 3 years of real life use
UV test	**3000 Hours Pass**	UV exposure
Gloss	**13-16 (Matte), 20-25 (Satin)**	Typical value

ELONGATION AT BREAK

typical tensile test

TPU film **≥360%**

Track end = 500% elongation. Tensile strength >25 MPa.

ADHESION BUILD

20 minutes **1282 gf/inch**

24 hours **1660 gf/inch**

Peel adhesion increases 29% from 20 minutes to 24 hours. Track end = 2000 gf/inch.

MECHANICAL PROPERTIES

TPU thickness	**7.5mil**
Tensile strength	**>25 MPa**
Elongation at break	**≥360%**
Temperature resistance	**−40°C ~ 120°C**
Application temperature	**55–90°F (13–32°C)**

ABOUT MATTE

Matte Paint Protection Film (PPF) is an advanced automotive wrap designed to shield your vehicle's exterior while delivering a bold, stealthy style. It transforms your car's surface into a deep, non-reflective matte finish that stands out on the road. Beyond its premium aesthetic, this durable barrier protects the paint from everyday wear across extreme temperatures. It features a water-repellent surface to keep your car cleaner and a specialized heat-activated layer that allows minor scratches to self-heal, ensuring a flawless, long-lasting look.

- **Stain resistance** — No detrimental effect
- **Anti-aging** — ΔE<2, >85% gloss retention
- **UV test** — 3000 Hours Pass
- **Application** — Wet only

GLOSS

13-16 (Matte) 20-25 (SATIN)

WARRANTY

10 Years Subject to the published warranty terms.

CONTACT

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NOTES

All values are typical, obtained under laboratory test conditions, and are not specifications. Actual performance varies with surface preparation, installation, environmental exposure and maintenance. Installation by trained professionals is recommended. EXOFILM may revise this data sheet without notice.