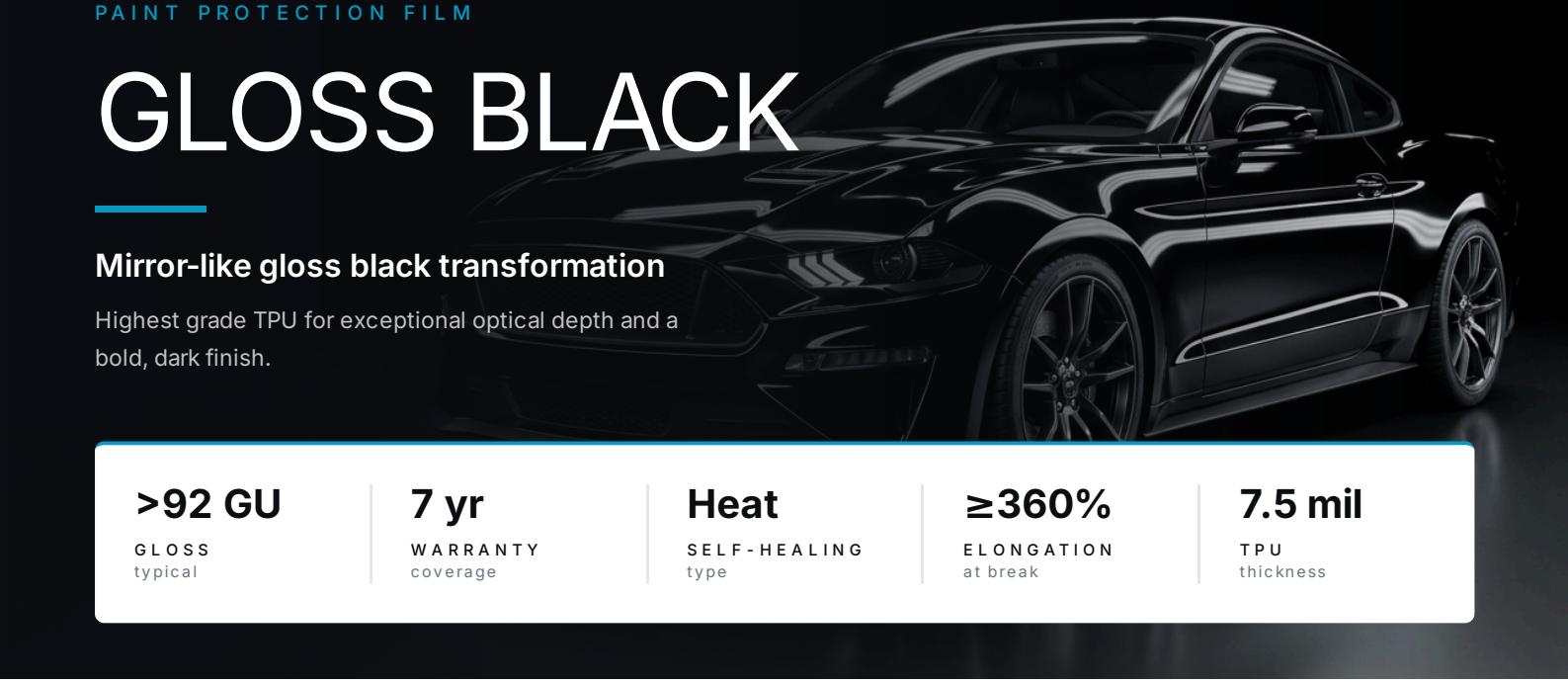
PAINT PROTECTION FILM

GLOSS BLACK



Mirror-like gloss black transformation

Highest grade TPU for exceptional optical depth and a bold, dark finish.

>92 GU	7 yr	Heat	≥360%	7.5 mil
GLOSS typical	WARRANTY coverage	SELF-HEALING type	ELONGATION at break	TPU thickness

KEY FEATURES

Deep gloss black finish

>92 GU, converting any paintwork into a mirror-like black.

Aliphatic TPU construction

7.5 mil TPU with >21 MPa tensile strength shields paint from stone chips and road debris.

Heat-activated self-healing

Minor surface marks disappear when exposed to heat.

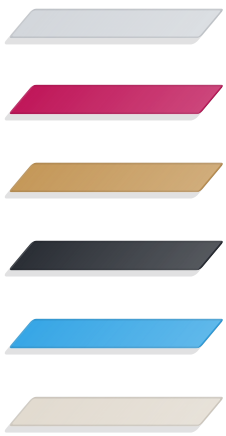
Hydrophobic ExoCoat top-coat

Repels water, dirt and contaminants for easier maintenance.

Stainguard protection

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

CONSTRUCTION



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

Exploded view, not to scale.

MATERIAL & DURABILITY

Warranty **7 Years**	Color **Gloss Black**	Capsheet material **PET**
Self-healing type **Heat Healing**	Liner **Polyester**	Hydrophobic **Yes**

Typical values for reference; not specifications.

GLOSS BLACK | COLOR 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	6000 Hours Pass	UV exposure
Gloss	>92 GU	Typical value

ELONGATION AT BREAK

typical tensile test

TPU film **≥360%**

Track end = 500% elongation. Tensile strength >21 MPa.

ADHESION BUILD

20 minutes **1270 gf/inch**

24 hours **1660 gf/inch**

Peel adhesion increases 31% from 20 minutes to 24 hours. Track end = 2000 gf/inch.

MECHANICAL PROPERTIES

TPU thickness	**7.5mil**
Tensile strength	**>21 MPa**
Elongation at break	**≥360%**
Temperature resistance	**−40°C ~ 120°C**
Application temperature	**55–90°F (13–32°C)**

ABOUT GLOSS BLACK

Gloss Black Paint Protection Film (PPF) combines ultimate surface defense with a striking, high-gloss transformation. Engineered with the highest grade TPU for exceptional optical depth, this advanced film converts any paintwork into a deep, mirror-like black finish. It features cutting-edge self-healing technology that automatically eliminates minor scratches and swirl marks, while the superior hydrophobic ExoCoat top layer repels water and grime for effortless maintenance. Integrated with StainGuard technology, Gloss Black PPF offers maximum resistance to yellowing, staining, and harsh environmental contaminants, ensuring superior impact protection against everyday road hazards while keeping the vehicle looking pristine, bold, and brilliantly dark.

- **Stain resistance** — No detrimental effect
- **Anti-aging** — ΔE<2, >85% gloss retention
- **UV test** — 6000 Hours Pass
- **Application** — Wet only

GLOSS

>92 GU TYPICAL

WARRANTY

7 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.