

LUMINOUS PPF PRIME

Luminous PPF Prime is a dependable, TPU paint protection film engineered for installers who need solid everyday performance, heat self-healing capability, and a clean, glossy finish. Built with high-quality TPU resin and a durable top-coat layer, it delivers essential protection, stable clarity, and consistent installation results.

PRODUCT FEATURES



HEAT SELF-HEALING SURFACE

Light scratches and swirl marks diminish with heat exposure, keeping the surface smooth and glossy.



HIGH-QUALITY TPU BASE FILM

Delivers strong optical clarity, flexibility, and resistance to environmental wear.



NON-YELLOWING ADHESIVE

Transparent polyacrylate adhesive ensures clean, clear bonding without discoloration over time.



GLOSSY FINISH

Adds depth and shine to the vehicle's paint while preserving its original factory look.



RELIABLE EVERYDAY PROTECTION

Shields paint against road debris, minor scratches, stains, and environmental contaminants.

PRODUCT STRUCTURE

CAP SHEET



COATING



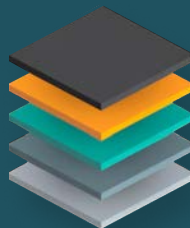
BASE FILM



GLUE



LINER



For more information visit:

www.luminous-me.com

WARRANTY BY THE MANUFACTURER

Luminous® Paint Protection Film (PPF) is warranted from the date of installation. This Limited Warranty expressly warrants to the original owner that the Product will be free from manufacturing defects and adhesive failure when installed by an authorized Luminous installer in accordance with recommended procedures.

Conditions For Warranty Coverage:

- This Limited Warranty applies only to installations performed by authorized Luminous installers in accordance with recommended installation procedures.
- Coverage includes manufacturing defects (material flaws inherent in the film) and adhesive failure (peeling, lifting, or delamination caused by adhesive failure) only.

Warranty Claims:

- If the Product fails solely due to a manufacturing defect within the warranty period, the defective Product will be replaced at no charge for the material; labor for removal and reinstallation is not covered.
- Claims must be submitted through the authorized Luminous installer, with proof of purchase and installation, a description of the issue with supporting photos or videos, and contact details; the defect will be assessed via inspection.

Limitations And Disclaimers:

- Replacement film must be installed by an authorized installer and carries only the remaining balance of the original warranty period; it does not extend or restart the warranty.
- This Limited Warranty does not cover improper installation, pre-existing paint damage, normal wear and tear, discoloration from environmental exposure, accidents or collisions, unauthorized modifications, improper washing or non-approved chemicals, application of non-Luminous coatings over the film, water spots, fire, flood, rust, or areas not reprotected after repair work.
- No other express or implied warranties are provided, including merchantability or fitness for a particular purpose.
- Liability under this warranty is strictly limited to replacement of the defective product; Luminous is not liable for indirect, incidental, or consequential damages, loss of use or business, or damage to goodwill.
- This warranty is non-transferable, unless the new owner provides proof of original installation and a valid remaining warranty period.

TECHNICAL SPECIFICATIONS

TEST ITEM	TEST METHOD	STATED VALUE
Total thickness	Micrometer	7.5 mil
Tensile strength at break	GB/T 1040.1	21 Mpa
Elongation at break (%)	ASTM D 882	300%
Gloss (60°)	ASTM D 2457	93 GU
Peel adhesion @ 20 min	GB/T 2792	1960 gf/inch
Peel adhesion @ 24 h	GB/T 2792	2480 gf/inch
QUV weathering (2000 hrs)	ASTM G154-16	No visual change
Gasoline resistance (60 min exposure)	Lab test	No visual change
Soap/detergent resistance (60 min)	Lab test	No visual change
Chip resistance (Gravelometer)	GM 9508P-02	Pass – no penetration
Base	-	TPU (Wanhua resin)
Adhesive	-	Polyacrylate, transparent, non-yellowing, removable
Width x Length	-	1.52 m x 15 m per roll
Color	-	Glossy
Performance level	-	Economical
Warranty	-	3 Years



GENERAL CHARACTERISTICS

ITEM	STATED VALUE
Service Temperature Range	-40°F to 212°F (-40°C to 100°C)
Shelf Life	2 Years, stored at 70°F (21°C) and 50% RH
Recommended installation environment temperature	15°C – 30°C



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