



AUTOARMOR INDIA

GOLDEN PAINT PROTECTION FILM

Detailed Product Datasheet & Technical Specification



Product	Golden Paint Protection Film (Gold PPF)
Protection Guarantee	10 Years
Technology	Advanced multi-layer protection with self-healing technology
Finish	Crystal-clear, premium high-gloss appearance
Application	Automotive exterior paint protection

Product Overview

AutoArmor Gold PPF is designed for vehicle owners seeking enhanced paint protection, superior shine and long-lasting durability. The product is described by AutoArmor as an advanced paint protection film using multi-layer technology and self-healing performance to help protect vehicle paint from scratches, stone chips, stains, UV rays, oxidation and everyday road damage while maintaining a rich glossy finish.

The crystal-clear film is intended to preserve the vehicle's original paint appearance while delivering a premium showroom-like look. AutoArmor states that Gold PPF is professionally installed using precision-fit application techniques for seamless coverage and premium finish quality.

Why Choose Gold PPF?

Feature	Product Benefit
Advanced Self-Healing Technology	Helps repair minor surface marks with the specified heat/self-healing process.
Superior Scratch Resistance	Helps defend the painted surface against light scratches and everyday abrasion.
Stone Chip Protection	Provides a protective film layer against road debris and stone-chip impact.
UV & Oxidation Defense	Helps protect paint from UV exposure and environmental oxidation.
Hydrophobic Surface Coating	Repels water and contaminants; published contact-angle test data is 108.29°.
Deep Gloss Enhancement	Designed to deliver enhanced gloss retention and a rich premium appearance.
Crystal Clear Transparency	Transparent film intended to preserve the original paint color and appearance.
Long-Lasting Durability	Published protection guarantee is 10 years.

Warranty / Protection Guarantee

Published protection guarantee: 10 Years. The product page identifies a 10-year protection guarantee. Specific warranty terms, exclusions, maintenance requirements, installation conditions and claim procedures should be confirmed directly with AutoArmor India before sale or installation.

Technical Specifications

The following table reproduces the technical specification data published on AutoArmor India's Gold PPF product page, including the stated test equipment, standards, standard values, test data and result status.

Category	Test Item	Equipment	Test Standard	Unit	Standard Value	Test Data	Result
Structure	Use Layer Thickness	Micrometer	GB/T 6672-2001	μm	180±10	190	Pass
Structure	Release Film Thickness	Micrometer	GB/T 6672-2001	μm	75±3	75	Pass
Structure	RPET Thickness	Micrometer	GB/T 6672-2001	μm	50±3	51	Pass
Mechanical Properties	20 min Initial Peeling Force	Tensile Testing Machine	GB/T 2792-2014	gf/inch	≥1200	1780.63	Pass
Mechanical Properties	24H Peeling Force	Tensile Testing Machine	GB/T 2792-2014	gf/inch	≥1500	2114.57	Pass
Mechanical Properties	Transverse Coating Elongation	Tensile Testing Machine	GB/T 1040.1	%	≥100	/	Pass
Mechanical Properties	Transverse Elongation	Tensile Testing Machine	GB/T 1040.1	%	≥150	438.44	Pass
Mechanical Properties	Transverse Tensile Strength at Break	Tensile Testing Machine	GB/T 17657-2013	MPa	≥15	31.28	Pass
Mechanical Properties	Longitudinal Coating Elongation	Tensile Testing Machine	GB/T 1040.1	%	≥100	/	Pass
Mechanical Properties	Longitudinal Elongation	Tensile Testing Machine	GB/T 1040.1	%	≥150	391.9	Pass
Mechanical Properties	Longitudinal Tensile Strength at Break	Tensile Testing Machine	GB/T 17657-2013	MPa	≥15	27.92	Pass
Puncture Resistance	Displacement	Puncture Resistance Tester	QC/T 1171-2022	mm	≥10	20.41	Pass
Puncture Resistance	Maximum Force	Puncture Resistance Tester	QC/T 1171-2022	gf	≥1000	2205.68	Pass
Puncture Resistance	Puncture Resistance	Puncture Resistance Tester	QC/T 1171-2022	MPa	≥50	116.29	Pass
Water Contact	Contact Angle	Water Contact Angle Tester	GB/T 30693	°	≥90	108.29	Pass
Special Properties	Self-Healing Property	Repair within 10 seconds after applying the self-healing	QC/T 1171-2022	S	OK	OK	Hot Repair
Stain Resistance	Stain Resistance	Tester	QC/T 1171-2022	/	No Marks Leave	A+	Pass
Appearance	Color	Sample	/	/	Transparent	Transparent	Pass
Appearance	Visual Inspection	QC/T 1171-2022	/	/	Qualified	OK	Pass

Data note: A slash "/" in the published test-data column is reproduced exactly as displayed on AutoArmor's website. The self-healing result is published as "Hot Repair." This datasheet reproduces the manufacturer's published information and is not an independent laboratory certificate.

Coverage / Application Options

Coverage Option	Published Coverage
Partial Front Protection	Partial front hood and fenders
Front Bumper	Front bumper coverage
Mirror Protection	Side mirrors
High-Contact Areas	Door edge guards, trunk ledge and door cups
Full Front Coverage	Full front-area protection package
Full Vehicle Coverage	Full exterior vehicle coverage

Installation & Finish Quality

AutoArmor states that Gold PPF is installed by trained experts using precision-fit application techniques for seamless coverage and premium finish quality. Professional installation is important for achieving the intended visual finish, edge quality and coverage.

Product Positioning

Gold PPF is positioned as AutoArmor's enhanced-gloss, advanced-protection option for customers seeking a premium balance of luxury appearance and high-performance paint protection. Compared with the company's Silver PPF offering, the Gold product is presented with enhanced gloss, advanced multi-layer technology and a 10-year protection guarantee.

Contact AutoArmor India

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GOLDEN PAINT PROTECTION FILM | GOLD PPF

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Source: AutoArmor India — Gold PPF product page: https://www.autoarmorindia.com/gold_product.php

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