

GLOSS PLUS

HIGH GLOSS CLEAR PROTECTION FILM

SGP01

This premium polyurethane (PU) film offers a top-coated high gloss finish with self-healing properties for exceptional scratch resistance. Designed to protect painted surfaces from stone chips, road debris, insect stains, and weathering, it provides superior optical clarity for invisible protection. The film boasts outstanding durability, excellent resistance to UV, temperature fluctuations, humidity, chemicals, and salt-spray, and adheres flawlessly to the latest automotive clear coats. A protective PET top sheet ensures the film maintains its gloss and uniformity during transport, making it an ideal choice for preserving the aesthetic and integrity of your vehicle's paint.

Physical characteristics

Characteristic	Values	Conditions	Standard Test Method
Base Material	Thermoplastic Polyurethane		
Color	Transparent		
Total Thickness (PET Liner, Release Film)	195 microns		ASTM D1000-17
PET Liner	46µm		
Thermoshield Self Healing Topcoat	17µm		
TPU (Thermoplastic Polyurethane)	150µm		
Acrylic Adhesive	24µm		
Nano PET Release Film	78µm		
Gloss	98%		ASTM D523-14
Elongation	≥420%		ASTM D882-18
Tensile strength	241.67kg/cm ²		ASTM D882-18
Peeling Strength After 24 Hours of Application	598 g/cm		ASTM D3330
UV rejection	99%		ASTM G154
Adhesive	Clear Acrylic		
Liner, Cap Sheet	Polyester		
Application temperature	(NDE) No Detrimental Effect	13 – 32 °C(55 – 90 °F)	ASTM D3170M-14 / SAE J400
Chipping resistance	no damages	2L of gravel shot at 68 PSI	
Durability	10 years		
Shelf life	12 month no damages	Stored at 20° C/50-55 % RH	

Application: Wet application is advised. Soap Solution: Mix 100% destilated water with 2ml of soap for every liter of water. For advice on processing and reference materials, please visit skinn.global/ppf

*Important: The protective PET top sheet should always be removed right after cutting the material from the roll or prior to processing with a plotter or flatbed cutter.

Warranty: SKINN Products are guaranteed to be free of any defects in materials and workmanship at the time of delivery, and to meet the specifications mentioned in the relevant SKINN Product Technical Data, as further explained in the SKINN Product Warranty Terms and Conditions.

Note: The information about physical characteristics and applicability for certain uses contained in this product specification sheet is intended for guidance only. Since only the user knows how the product will be used, it's up to them to decide if it meets their needs.

