

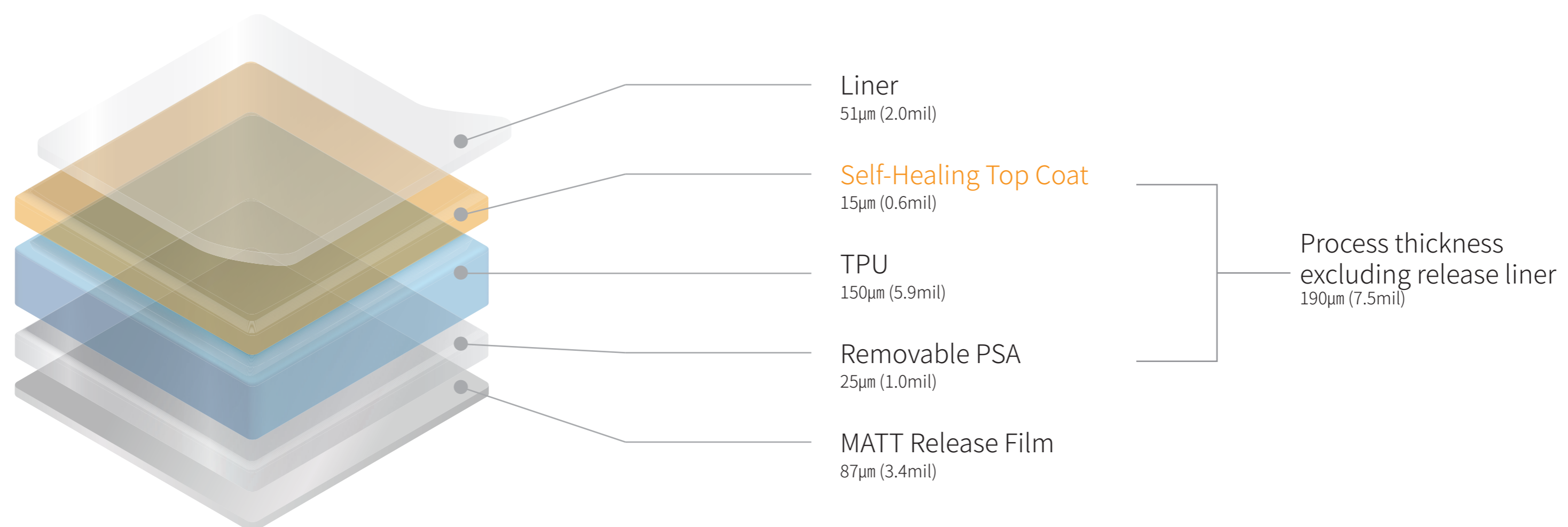
Aero Shield



AERO SHIELD™500 PAINT PROTECTION FILM

AERO SHIELD™500 PAINT PROTECTION FILM is crafted with innovative EBE Topcoat technology to safely shield the paint layer even in harsh environments. Its transparent finish without an orange peel texture allows the vehicle to maintain its aesthetics like new, while minor scratches can self-heal. With water repellency and anti-fouling properties, it resists dirt adhesion, making cleaning effortless. AERO SHIELD™500 stands as the ultimate protection against unavoidable wear that threatens the pristine condition of the vehicle. Designed for vehicle owners who pursue the best maintenance and safety, AERO SHIELD™500 offers a groundbreaking solution to keep the vehicle looking fresh everywhere adventures take it.

CONSTRUCTION



TECHNICAL DATA

Total Thickness	328µm	Method
Tensile Strength (Mpa)		
Elongation / At Break	>250	ASTM D412
Elongation / At Crack	≥ 110	ASTM D412
Peel Adhesion(N/inch)		
Initial (30min)	10.2	ASTM D3330
IAfter(6days)	12.1	ASTM D3330
Self-Healing (Rubbing Test)		
Room temperature(21~23°C)	≥B	Slowly restored over 4 hours
Heat (Heat gun or hot water)	A	Instant restoration within 10 seconds
MATTE R/F Peel Strength (gf/2inch)	40g	ASTM D3330
Stain Resistance Rank (Pen)	B+	
Ball Tack	No. 5	JIS Z 0237
Top Glossiness(60°)	≥90GU	JIS Z 8741

This film, boasting a glossy finish close to transparency, preserves the aesthetic appeal of the vehicle without compromise. Safety considerations have led to an elongation adjusted to 250%, enhancing durability and longevity. Minor scratches can self-heal at room temperature, and applying heat accelerates the restoration process further. With water repellent and anti-fouling surface treatments, contaminants are prevented from adhering, facilitating easy removal..

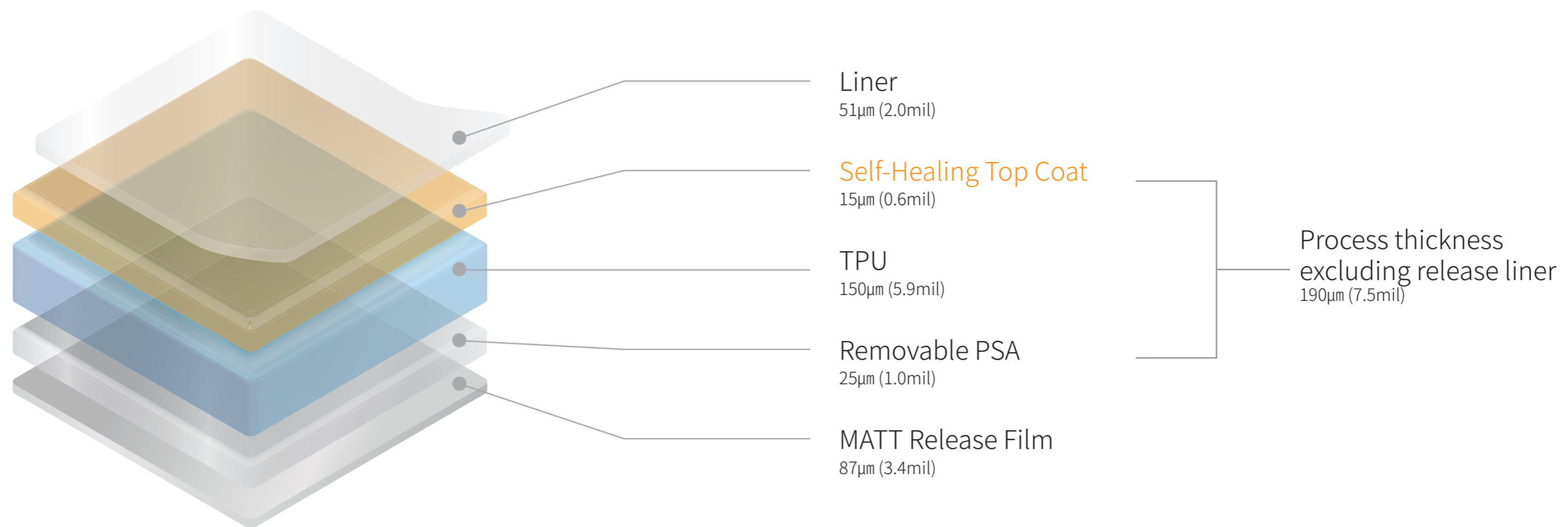
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AERO SHIELD™700 PAINT PROTECTION FILM

AERO SHIELD™700 PAINT PROTECTION FILM, far more than just a barrier, represents a significant leap forward in vehicle maintenance, utilizing robust 7.5 mil thermoplastic polyurethane to redefine industry benchmarks by ensuring freedom from tears and deep damage incurred during regular use; its advanced self-healing technology promptly mends minor scratches, keeping the vehicle pristine on all adventures, while its greatly enhanced super hydrophobic layer promotes easy cleaning and substantially boosts durability beyond traditional offerings. Equipped with cutting-edge anti-yellowing technology that integrates superior top coating and TPU innovations, it effectively minimizes discoloration, thus maintaining the vehicle's original look even with extended exposure to sunlight, and with 30% additional protection against acid rain, bird droppings, and tree sap, AERO SHIELD™700 PAINT PROTECTION FILM upholds the vehicle's structural and cosmetic integrity at unmatched levels, establishing it as a formidable protector in the realm of automotive preservation.

CONSTRUCTION



TECHNICAL DATA

Total Thickness	328µm	Method
Tensile Strength (Mpa)		
Elongation / At Break	>250	ASTM D412
Elongation / At Crack	>100	ASTM D412
Peel Adhesion(N/inch)		
Initial (30min)	9.5	ASTM D3330
IAfter(6days)	15.3	ASTM D3330
Self-Healing (Rubbing Test)		
Room temperature(21~23°C)	≥B	Slowly restored over 4 hours
Heat (Heat gun or hot water)	A	Instant restoration within 10 seconds
MATTE R/F Peel Strength (gf/2inch)	40g	ASTM D3330
Stain Resistance Rank (Pen)	A	
Ball Tack	No. 2 >	JIS Z 0237
Top Glossiness(60°)	≥90GU	JIS Z 8741
Due to the film's tensile strength being less than 250%, the risk of discoloration is minimized. Moreover, it possesses a self-healing function even at room temperature, and applying higher heat accelerates scratch restoration.		
Xenon Weathering Test(ΔE)		
(4,000 Hour)	0.3	ASTM G 155
Based on a 1,000-hour/1-year exposure test under Atlanta weather and ultraviolet ray conditions, the number of 0.3 is an excellent level at which changes in appearance are barely visible due to very subtle changes in composition.		