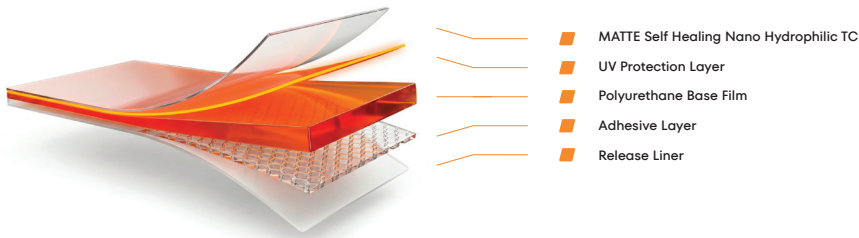


HEAL MATTE SPF01SHM

Protektor **HEAL Matte** represents a modern evolution of matte Paint Protection Film (PPF). It delivers reliable defense against daily environmental damage while giving the vehicle a refined satin appearance. The film features advanced self-healing and hydrophobic properties that reduce visible imperfections and make maintenance effortless. With excellent dimensional stability and resistance to shrinkage or distortion, it ensures a uniform, factory-grade matte finish that lasts.



Instructions

A mild solution of water and a non-silicone, pH-neutral shampoo should be used as a slip solution. An 80% water and 20% isopropyl alcohol mixture may be used if absolutely necessary to improve edge tack. We advise against excessive use of alcohol, as it reduces adhesive performance.

Recommended room temperature for material installation is 22°C ± 4°C.

TECHNICAL SPECIFICATION

Physical Properties

Characteristic	Specification
Color	Transparent matte finish
Thickness of Base film	153 microns (6 mil)
Overall Thickness	190 microns (7.5 mil)

Product Characteristic

Characteristic	Result / Standard	Test Method
Shrinkage	<0.15%	Excellent stability
Tensile Breaking Strength	14 MPa (0.014 N/mm)	ASTM D882
Elongation (substrate/adhesive)	>300%	High flexibility
Elongation at Break	>368%	High flexibility

180° Peel Adhesion (Tested on Stainless Steel)

Test Condition	Result (Metric)	Result (Imperial)
20 minutes at room temperature	420 N/m	3.6 lb/in
48 hours at room temperature	720 N/m	4.1 lb/in
168 hours at 35°C/95°F & 100%RH	720 N/m	4.1 lb/in

Stain Resistance

Contaminant	Result
Unleaded gasoline, Diesel fuel, Motor Oil	No discoloration, matte appearance unchanged

Gravelometer (Impact Resistance)

Test	Result
SAE J400 – 2 cups of gravel in Gravelometer at 25C	Pass (no ruptures)

Natural Weathering (Arizona Exposure)

Exposure Time & Condition	Result
24 months at 45°C south-facing Arizona exposure	No cracking or dulling; No discoloration
48 months at 45°C south-facing Arizona exposure	No cracking or dulling; Slight discoloration

Shelf Life

One year from date of receipt by customer when stored in original packaging at 22±4C and at a maximum moisture of 50% RH.