



OPTICSHIELD™
HIGH PERFORMANCE PAINT PROTECTION

DATA SHEET - OPTICSHIELD **ULTRA MATT**

OPTICSHIELD ULTRA MATT series is a crystal clear PPF using superior topcoat technology, the most advanced on the market, to provide extra durability and easy workability with outstanding environmental resistance and antifouling.

OPTICSHIELD ULTRA MATT is a HI-CLEAR PPF focused on self-healing following the same formulation of our basic line. You can enjoy enhanced workability with excellent elongation, easy repositioning & removal on the installation.



Protection Film (10 µm)

Non Yellowing TPU (150 µm)

Adhesive (35 µm)

Release Liner (75 µm)

FEATURES AND STRUCTURES

- > Fast Recovery Self-Healing
- > Anti-Fouling
- > Highest Transparency
- > Water Repellency
- > Anti-Contamination
- > Non-Yellowing
- > Anti-Solvent
- > Excellent Adhesion Finish
- > Easy to Install

WARRANTY

OPTICSHIELD ULTRA MATT has an **10 year warranty** for yellowing, bubbling, and cracking. This is an excellent choice for the long-term protection of your car.

PROPERTY	TYPICAL VALUE	TEST METHOD
Thickness (base film with adhesive)	150 µm (+-10 µm)	
Gloss (60°)	< 80 GU	FLK-3009
Peel strength	2.5 (+-0.2) kgf/inch	FLK-3001
Tensile Strength	0.45 (+-0.1) kgf/inch	FLK-3005
Elongation at break	550 % (+-10)	FLK-3003
Self Healing speed (1kg)	40 (±20) sec.	FLK-3005
Self Healing speed (with heat)	10 (±15) sec.	FLK-3005
Yellowing	500 hrs.	FLK-3015