

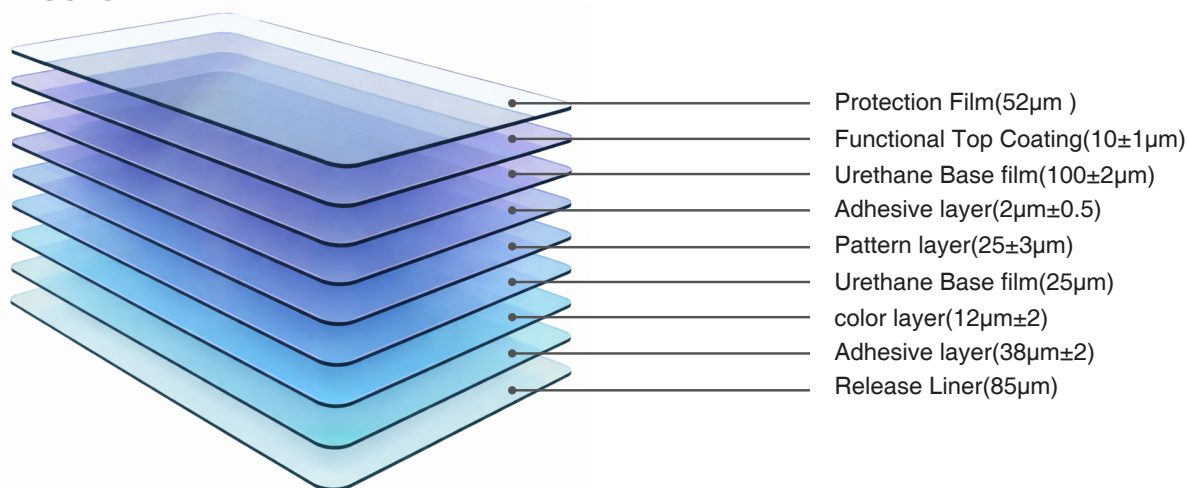
Technical Data Sheet

KAION FASHION TWILL CARBON

PRODUCT DESCRIPTION

KAION FASHION Twill Carbon Paint Protection Film (PPF) utilizes TPU material from Argotec, USA, offering excellent durability and very low yellowing. It is designed to maintain optical transparency for extended periods, even in harsh outdoor environments. Its high adhesion and flexibility allow for easy application even on areas with sharp curves, while its superior water repellency preserves a like-new gloss. In particular, its thickness of $212\pm 5\mu\text{m}$ effectively protects the vehicle's paintwork from scratches caused by road debris while driving, and it features a self-healing function that naturally repairs fine scratches on the paint surface. KAION SHIELD'S KAION Series PPF guarantees superior performance and reliability.

STRUCTURE



PHYSICAL PROPERTIES

Category	Test Method	Units	Typical Properties
Gloss value	ISO 2813		$>80 \pm 2$
Tensile strength	D-412	mpa	34.47 ± 3.4
Elongation	D-412	%	>150
Heat resistance	80°C 2h -20°C 2h 10 cycle test		No change
HYDRO-PHILE /PHOBIC PROPERTY	Hydrophile/phobic	/	Phobic
Durability	TEST 1	3,000hours	NO change
	TEST 1	1,000hours	NO change

* If installing film after recommended shelf-life, re-certification by KAION SHIELD is required.

* The performance representations and suitability for use described in this Technical Data Sheet are intended as a guide only. Since the specific conditions of product use are known only to the user, it is the user's responsibility to determine whether the product is suitable its intended application.

* Results may differ when using other testing standards.

* Reported values are expected properties and should not be used for product certification.

* The provided technical information consists of representative product data and should not be used for specification purposes.