

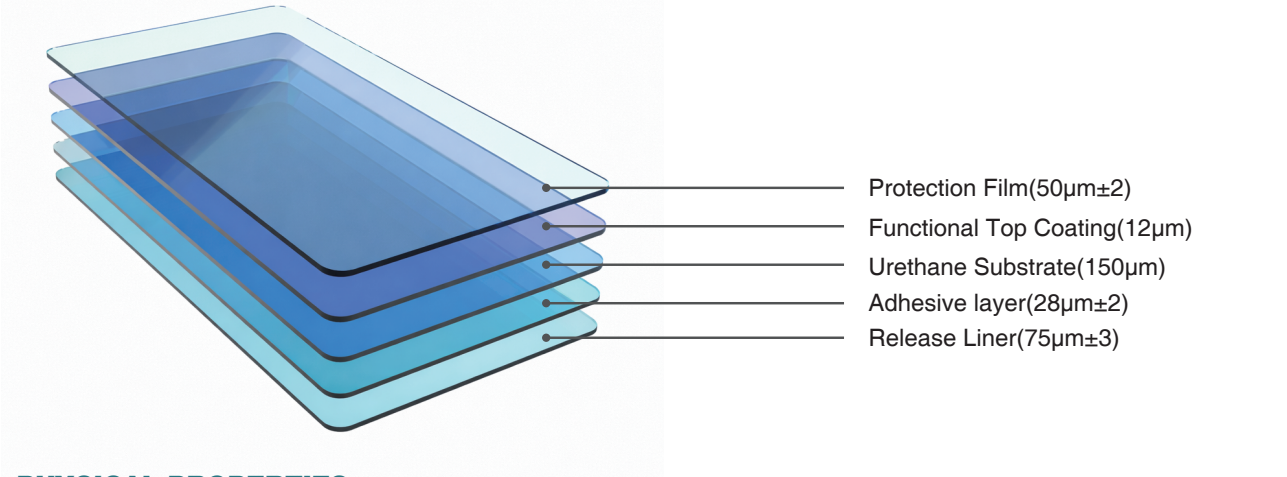
Technical Data Sheet

ONYX WIDE 1800 (72")

PRODUCT DESCRIPTION

ONYX WIDE 1800(72") Paint Protection Film (PPF) boasts exceptional durability and outstanding resistance to yellowing. It minimizes the "stop-line" effect commonly encountered during conventional PPF installation, delivering superior workability and consistent, reliable quality. Unlike standard 1524mm films, its ultra-wide 1800mm width allows for seamless, single-piece installation on wider vehicles, significantly boosting efficiency during full-panel applications.Engineered to retain crystal-clear transparency even in the harshest outdoor conditions, it features high adhesion and superior flexibility for effortless contour conformity on complex curves. Furthermore, its advanced hydrophobic performance repels water effortlessly, preserving a showroom-like gloss for years to come. With a robust thickness of 185±5µm, it effectively shields the vehicle's paint from road debris and stone chips, while its built-in self-healing technology automatically erases minor scratches and swirl marks.

STRUCTURE



PHYSICAL PROPERTIES

Category	Test Method	Units	Typical Properties
Gloss value	Gloss level @60°		>90
Tensile strength	PT-8081G	mpa	>15
Elongation	PT-8081G	%	>150
Heat resistance	Brass brush 10 times, around 70℃ hot water for 1 minute		No change
HYDRO-PHILE /PHOBIC PROPERTY	Hydrophile/phobic	/	Hydrophobic
Durability	TEST 1	3,000hours	-
	TEST 2	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.