

WEATHER
ARMOR
ULTRA



VERTEK® Weather Armour™ Ultra is the most advanced paint protection film developed to the market using AUTOTRIZ® Perhydropolysilazanes Resins (PHPS) technology.

Weather Armour™ Ultra protects the vehicle from the hardest environment no matter where you are go, keeping your vehicle's surfaces safe from everyday damages like gravel, scratches, acid rain, bird droppings, tree saps and stopping paint chips.

It has very good stretchability, a superior finish with ultimate gloss and no orange peel appearance. Our proprietary film formulation will guarantee not turning yellow from UV exposure.

The special nano coating ensures the PPF highly resistant to water spots, thanks to its hydrophilic properties that sheets water away, keeping the surface stays cleaner for longer time with its self-cleaning effect.

Base Material We Use

VERTEK® Weather Armour™ Ultra is a biodegradable, Polyester-based Aliphatic Thermoplastic Polyurethane film. As it is resistant to orange peel, yellowing and UV, it is widely used for the exterior surface protection of vehicles.



Self Healing

Advanced self-healing layer renews film back to its original state that instantly repairs scratches and swirl marks with heat.



Chipping Resistance

Resist the impact of stones and gravel to road debris from the every day road hazards



Stain Resistance

Coated with an unique formulation of nano coating, creating a protective layer that repels dust, dirt and stains.



UV Resistance

Features with ultra-violet (UV) inhibitor to protect paint protection film and preserve paintwork against sun UV damage.



High Gloss & Clarity

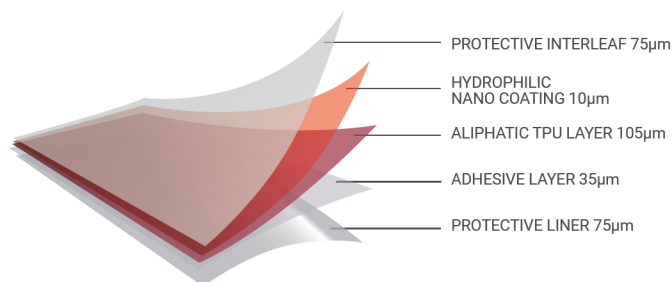
Exceptional high gloss and superior optical clarity creating mirror like finish without giving an orange peel



Easy Cleaning

Stains and dirt can be washed away with ease.





Product Specifications

Nominal Thickness:	6.0mil/ 150.0µm
Size:	152*1520cm
Base Material:	Desmopan® 88395AU Polyester-based Aliphatic TPU
Adhesive:	Ashland AROSET™ 95100014
Top Coat:	AUTOTRIZ® PU-HL135
Top Coat Type:	Hydrophilic + Self-Healing
Suitable Paintwork:	All Color
Warranty:	8 Year
Shelf Life:	1 Year (Store at 24°C and with relative humidity 50%)

Typical Properties

	Test Method	Results
Acid Resistance	JIS K5400	No Visual Change
Alkali Resistance	JIS K5400	No Visual Change
Salt Water Resistance	JIS K5400	No Visual Change
Gloss Level	BS EN ISO 2813	103 (20°)
Tensile Strength	ASTM D638-14	18.1MPa
Elongation at Break	ASTM D638-14	270%
90° Peel Strength	ASTM 6252M98	59.5N/100mm
Chip Resistance	SAE J400-02	PASS
Light Ageing Test	ASTM G154- 16 Cycle & 2244-16	No Visual Change

Protection	
Thickness	
Self Healing	
Gloss	
Clarity	
Water Beading	

WARRANTY:

The installer assumes a 8-year warranty on the installation. The warranty applies to the film getting detached from the surface. The warranty period begins on the date of the invoice issued for the installation. The warranty applies only if installation is carried out on the original factory paintwork. The warranty is non-transferable and applies only to the original customer.

EXPECTED DURABILITY:

Expected durability periods is 8-year. The expected durability of the film concerns the non-appearance of excessive yellowing and permanent staining. In case of problems due to material defects, VERTEK undertakes to replace the material. The value of the claim shall not exceed the gross purchase price indicated on the invoice for the sale of the product. The warranty does not cover damage caused by improper use, accidents, improper installation and normal wear and tear of the product, neither dents caused by stones and road debris.

TECHNICAL SPECIFICATIONS:

Technical data, recommendations, and other statements contained in this document are based on tests and experimental data that we believe to be reliable but whose accuracy and completeness are not guaranteed.

PRODUCT USE:

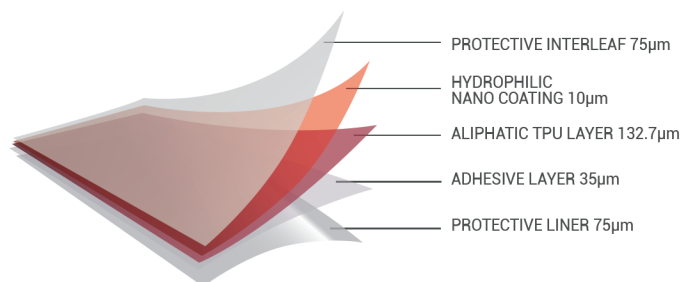
In actual use, many of the factors beyond the control of VERTEK can affect the performance of the product. Due to the diversity of factors affecting product performance, it is entirely the responsibility of the user to make sure that the film is suitable for the actual use.

PRODUCT SAFETY:

The product is a urethane film with residual solvent odour, but it does not release hazardous chemicals under normal use.

LIMITATION OF LIABILITY:

With the exception of statutory prohibitions, VERTEK shall not be held liable for any direct, indirect, special or incidental loss or damage related to the VERTEK product, regardless of any legal, statutory (warranty, contract), negligence or objective liability.



Product Specifications

Nominal Thickness:	7.0mil/ 177.8µm
Size:	152*1520cm
Base Material:	Lubrizol ESTANE® Polyester-based Aliphatic TPU
Adhesive:	Ashland AROSET™ 95100014
Top Coat:	AUTOTRIZ® PU-HL135
Top Coat Type:	Hydrophilic + Self-Healing
Suitable Paintwork:	All Color
Warranty:	10 Year
Shelf Life:	1 Year (Store at 24°C and with relative humidity 50%)

Typical Properties

	Test Method	Results
Acid Resistance	JIS K5400	No Visual Change
Alkali Resistance	JIS K5400	No Visual Change
Salt Water Resistance	JIS K5400	No Visual Change
Gloss Level	BS EN ISO 2813	101 (20°)
Tensile Strength	ASTM D638-14	18.1MPa
Elongation at Break	ASTM D638-14	270%
90° Peel Strength	ASTM 6252M98	62.5N/100mm
Chip Resistance	SAE J400-02	PASS
Light Ageing Test	ASTM G154- 16 Cycle & 2244-16	No Visual Change

Protection	
Thickness	
Self Healing	
Gloss	
Clarity	
Water Beading	

WARRANTY:

The installer assumes a 10-year warranty on the installation. The warranty applies to the film getting detached from the surface. The warranty period begins on the date of the invoice issued for the installation. The warranty applies only if installation is carried out on the original factory paintwork. The warranty is non-transferable and applies only to the original customer.

EXPECTED DURABILITY:

Expected durability periods is 12-year. The expected durability of the film concerns the non-appearance of excessive yellowing and permanent staining. In case of problems due to material defects, VERTEK undertakes to replace the material. The value of the claim shall not exceed the gross purchase price indicated on the invoice for the sale of the product. The warranty does not cover damage caused by improper use, accidents, improper installation and normal wear and tear of the product, neither dents caused by stones and road debris.

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