CHEMX
The Partner Your Car Deserves

ROXGARD
PAINT PROTECTION FILM

INFINITY SERIES

LAYER 1
PROTECTIVE INTERLEAF

LAYER 2
ULTRA GLOSS HYDROPHOPIC TOP COAT 10μm

LAYER 3
ALIPHATIC TPU LAYER

LAYER 4
ADHESIVE LAYER

LAYER 5
PROTECTIVE LINER

TECHNICAL DATA SHEET

Product Specifications

Nominal Thickness	8 mil/ 190.5μm
Size	152*1520cm
Base Material	Lubrizol ESTANE® Polyester-based Aliphatic TPU
Adhesive	Ashland AROSET™ 95100014
Top Coat	POLYSILAZANE
Top Coat Type	GLOSS
Suitable Paintwork	All Color
Warranty	10 Years
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°)1
Tensile Strength	ASTM D638-14	8.1MPa
Elongation at Break	ASTM D638-14	420%
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

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, ROXGARD undertakes to replace the material. The value of the claim shall not exceed the gross purchase price ndicated 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 ROXGARD 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, ROXGARD shall not be held liable for any direct, indirect, special or incidental loss or damage related to the ROXGARD product, regardless of any legal, statutory (warranty, contract), negligence or objective liability.