TECHNICAL DATA SHEET



INTRODUCTION

Beyond its full compatibility to Polycarbonate surfaces, our Protector Tint range includes 4 exceptional window films in the industry: TPU based material, which is characterized by the simple installation of PPF, meanwhile it has outstanding heat protection. Beyond its original application on plastic surfaces, the Protector Tint range is also revolutionizing traditional window tinting for fixed rear windows, such as those found on coupé and convertibles. For the first time, it delivers a perfectly uniform finish, free from the traditional dot matrix effect and orange defroster lines associated with conventional PET window films.
Without a doubt, it is today's best solution for car enthusiasts.

CONSTRUCTION

GLOSS TOP COATING	15 µm
THERMO POLYURETHANE LAYER	150 µm
ADHESIVE LAYER WITH IR ABSORBING PARTICLES	30 µm
PET RELEASE LINER	75 µm

FEATURES

- ☑ Full compatibility to non-mineral surfaces, flat or shaped, like polycarbonate or lexan™...
- ☑ Extreme IR filtering up to 97% and blocking 99% of harmful UV radiation.
- ☑ The use of a heatgun will not be necessary, you do not need to be shrink the film.
- ☑ Microscratches will disappear thanks to its top coat self healing properties.
- ☑ Installation will be as fast as never before, thanks to TPU based material.
- ☑ Say goodbye to the non aethetics «dot matrix» or «defroster orange line» from traditional PET window tinting.

PROTECTOR TINT RANGE

	TINT 30	TINT 70	TINT 85	TINT 95
THICKNESS OF THE POLYURETHANE FILM:	195µ	195µ	195µ	195µ
VISIBLE LIGHT TRANSMISSION:	75%	30%	14%	3%
INFRARED REJECTION:	85%	92%	94%	97%
TOTAL SOLAR ENERGY REJECTED:	40%	60%	70%	80%

ADHESIVE: Repositionable, non-yellowing, crystal-clear acrylic adhesive.

WARRANTY

5 years from the date of installation. For further information refer to the warranty sheet.

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SHELF LIFE

1 year from delivery. +15°C to +30°C, stable temperature in the original box protected from sunlight, in a clean and dry area. Due to the weight of the roll, store film inside its original packaging with roll caps, to avoid lines or defects from appearing. Store horizontally with cap-sheet and in original packaging, with a maximum height of six boxes. Material without cap-sheet must be stock in vertical position.

** The shelf life is an estimate, subject to influence from external and uncontrollable factors, particularly if storage conditions are not adhered to.*

CARE AND MAINTENANCE

- ☑ To prevent stains, remove insects, resin, tar, and debris from the PPF as soon as possible.
- ☑ Do not use solvent-based bug and tar removers.
- ☑ Wash and wax the vehicle as needed.
- ☑ Use only soft, non-abrasive gloves and drying materials.
- ☑ During washing, keep the high-pressure nozzle tip at a distance of 36 inches from the PPF.
- ☑ Using sealants or products like Rain-X is recommended to enhance the product's longevity.
- ☑ Do not use polishing compounds, clay bars, or waxes that contain dyes or abrasive agents.

TECHNICAL INFORMATION

The technical information and data contained in this Technical data sheet are based on testing and findings, and the accuracy of this information is not guaranteed.

LIABILITY

The Seller shall not be liable for any loss or damage suffered by the Buyer or any third party arising from the failure or malfunction of the Goods, the inadequate performance of the Services, or the use or operation of the Goods or Services after implementation. The Seller shall also not be liable for any loss or damage resulting from the late, inaccurate, or incomplete delivery, supply, or performance of the Goods or Services, or from inaccurate measurements, plans, drawings, or specifications provided by the Buyer or by any third party appointed by the Buyer. This limitation shall not apply in cases of willful misconduct or gross negligence by the Seller, its employees, or its agents. The Seller shall not be liable for any loss or damage arising from the use of products not manufactured by the Seller. Where the technical documentation does not specify any of the Seller's products, the user is responsible for determining whether the products are suitable for the intended application and for following the safety and precautionary instructions provided by the relevant manufacturer.

The Seller shall not be liable under any circumstances for indirect, consequential, or non-material loss or damage, including loss arising from business interruption. In cases where the Seller is liable for direct loss or damage, the total compensation payable shall not exceed the purchase price of the relevant Goods or Services.

For further information, please refer to our General Terms and Conditions of Sale.

**Vehicle Window Film Disclaimer*
Before installing window film on your vehicle, you should always check the applicable local regulations. Laws governing the application of window film and the permitted level of tint may vary from one country to another and may differ depending on the vehicle window concerned. Failure to comply with these regulations may result in fines or require the removal of the window film.