

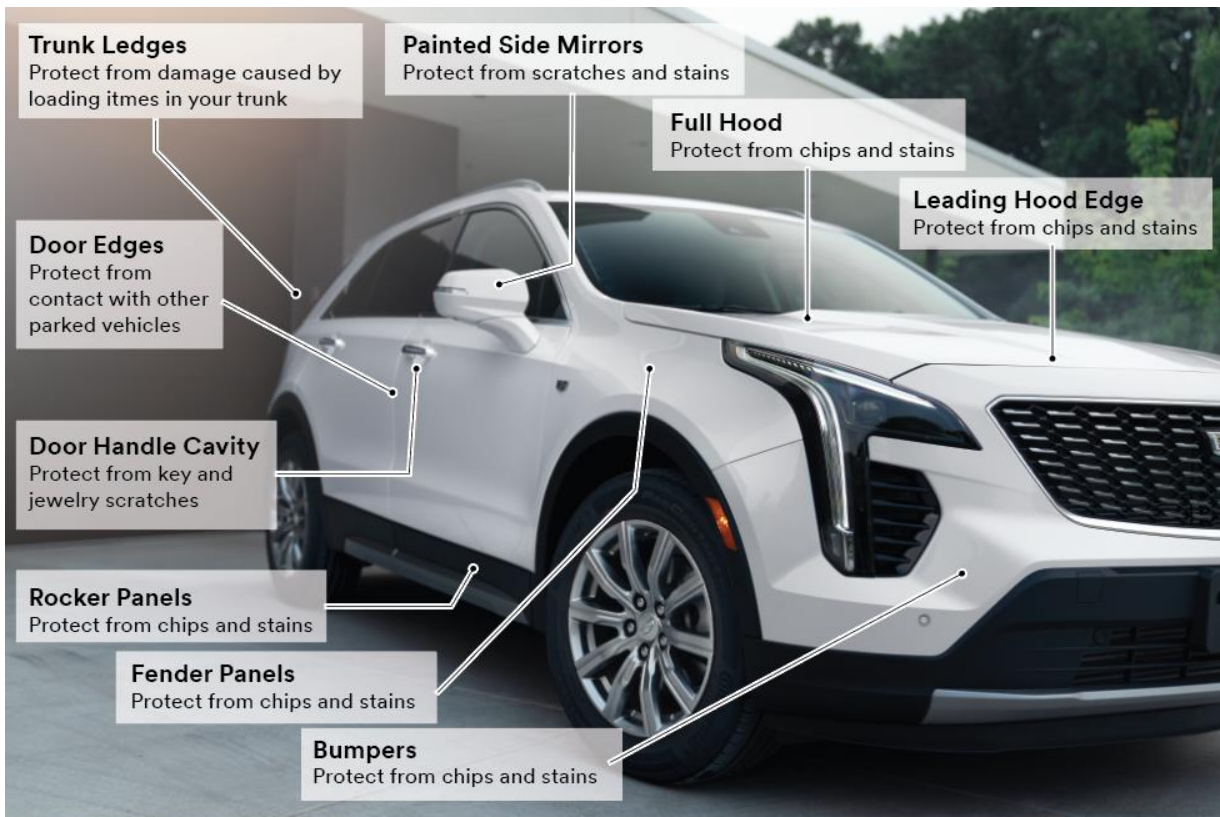
## Product Description

- Designed to protect automotive paint and other vulnerable surfaces of the vehicle from stone chips, scratches, bug damage, road tar, stains, automotive fluid stains and punishing outdoor weathering including harsh ultraviolet (UV) radiation
- High gloss finish
- Simple release liner removal
- Cap sheet layer helps protect the film's quality and is easily removed
- Optimized adhesive for repositioning, minimizing lift lines and adhesive marks
- Ability to stretch for bulk installations
- Self-healing technology to remove minor scratches or marks with heat applied to the film surface
- 7-year consumer warranty\*

Approved to be used with 3M™ Pattern and Solutions Center is an advanced cutting-edge technology tool with thousands of quality tested paint protection film patterns to help install faster with less waste – saving time and money

## Recommended Application

- Personal and commercial fleet vehicles

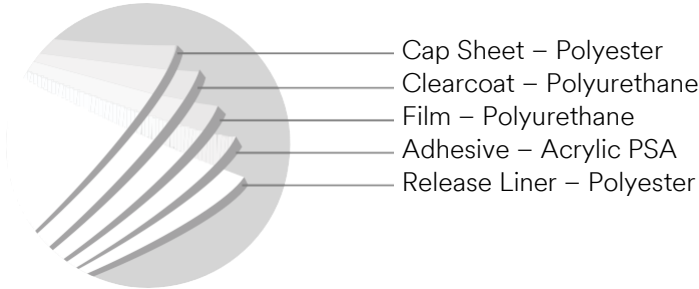


Applications shown above indicate typical areas of placement on personal vehicles. Actual film placement will vary according to the needs of the customer.

\* Ask your 3M authorized installer or see the warranty card for complete details.

## Product Line

| Product name                               | Description                         |
|--|-------------------------------------|
| 3M™ Paint Protection Film Series 100 Gloss | Transparent film with glossy finish |



## Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

| Characteristic                                   | Value*  |
|--|---|
| <b>Material</b>                                  | Polyurethane  |
| <b>Color</b>                                     | Transparent   |
| <b>Thickness</b>                                 | Product Construction: 7.5 mil (0.19 mm)<br>Release Liner: 2.9 mil (0.075 mm)<br>Cap sheet: 2.0 mil (0.05 mm)                            |
| <b>Adhesive</b>                                  | Acrylic, pressure-activated   |
| <b>Adhesive appearance</b>                       | Clear   |
| <b>Adhesion on automotive paint (180° peels)</b> | Initial State: 20 minutes at room temperature 2.7 lbs/in (4.7 N/cm)<br>Normal State: 24 hours at room temperature 3.8 lbs/in (6.7 N/cm) |
| <b>Elongation at break</b>                       | 350%  |
| <b>Tensile strength at maximum force</b>         | 3200 PSI (22 MPa)   |
| <b>Liner</b>                                     | Polyester   |
| <b>Application method</b>                        | Wet only  |
| <b>Substrate types</b>                           | OEM painted surfaces  |
| <b>Application temperature</b>                   | 60° – 85°F (16° – 30°C)   |

*3M Commercial Solutions products are not tested against automotive manufacturer specifications.*

### Installation

**IMPORTANT:** 3M recommends, for optimal application of paint protection film on the vehicle, install at temperatures between 70°F - 79°F (+21°C - 26°C).

### Shelf Life, Storage, and Shipping

The shelf life as defined below remains an indicative and maximum data, subject to many external and non-controllable factors. It may never be interpreted as warranty. The shelf life is never more than 12 months from the date of manufacture on the original box.

**IMPORTANT:** Recommended storage conditions are between 60°F to 85°F (16°C to 30°C), out of sunlight, original container in clean and dry area.

## Maintenance, Cleaning, Waxing and Removal

The cleaner must be wet, non-abrasive, without solvents, and have a pH value between 6 and 8 (neither strongly acidic nor strongly alkaline).

Regular treatment of the surface with a polish or wax is not necessary. For all PPF waxing, do not use wax that contain dyes, abrasive polishes and/or rubbing compounds. The abrasive particles will damage the film surface and result in a loss of surface quality.

- 3M PPF Series 100: Use 3M™ Perfect-it™ Show Car Paste Wax (PN39526) applied within three months after PPF installation. Keep washing and recoating regularly as there is no hydrophobic coating on 3M PPF Series 100.
- 3M PPF Series 100 or Scotchgard™ PPF Pro Series: Use 3M™ Ceramic Coating (PN39901) or 3M™ Ceramic Boost Spray (PN39905) to add a hydrophobic coating for easy clean features and additional stain resistance.

After waxing your car, you can remove any wax build-up along film edges with a lint-free cloth. Visit [www.3m.com/automotive](http://www.3m.com/automotive) to order 3M's Car Wash Soap, Waxes, Polishes and High-Performance Detailing Cloths.

Recommended to use a steamer for paint protection film removal. Correct angle of removal is 30 – 60 degrees from the surface of the paint.

## Health and Safety

When handling any chemical products, read the manufacturer's container labels and the Article Information Sheets (AIS) for important health, safety, and environmental information.

Follow the link to obtain SDS sheets for 3M products on [3m.com/SDS](http://3m.com/SDS).

**IMPORTANT:** When using any equipment, always follow the manufacturer's instructions for safe operation.

## Technical Information

The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third-party intellectual property rights is granted or implied with this information

## Product Selection and Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment, reviewing all applicable regulations and standards, and reviewing the product label and use instructions. Failure to properly evaluate, select, and use a 3M product in accordance with instructions or to meet all applicable safety regulations may result in injury, sickness, death, and/or harm to property.

## Warranty, Limited Remedy, and Disclaimer

Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

## Limitation of Liability

Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

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