

## Product Description

- Designed to protect automotive paint and other vulnerable surfaces 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, 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



Cap Sheet – Polyester  
Clearcoat – Polyurethane  
Film – Polyurethane  
Adhesive - Acrylic PSA  
Release Liner - Polyester

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

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

## Warranty Information

3M Graphics Products are warranted to be free of defects in materials and manufacture at the time of shipment and to meet the specifications stated in its applicable 3M Graphics Product Bulletin and as further set forth in the 3M Graphics Warranties Bulletin.

## Limited Remedy

This bulletin provides technical information only.

3M recommended product end uses are listed in each 3M product bulletin. End uses not listed in the applicable 3M Product Bulletins are typically not eligible for 3M Warranties. For non-recommended and/or non-warranted end uses or applications, users must test and approve the end uses or applications, assume any associated risks, and acknowledge that 3M has no liability for such end uses or applications. Please contact your 3M representative with any questions about graphic applications, end uses, and warranties.

## Limitation of liability

All questions of warranty and liability relating to this product are governed by the terms and conditions of the sale, subject, where applicable, to the prevailing law.

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).

## Maintenance, Cleaning 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).

These films can be removed with the aid of heat using a steamer. The correct angle of removal is 30 – 60 degrees from the surface of the paint.

## 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 1 year from the date of manufacture on the original box.

Storage conditions: +60°F to +85°F (+16°C to +30°C), out of sunlight, original container in clean and dry area.

Bring the film to room temperature before use.

## Health and Safety

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

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

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

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