

This product is intended for industrial/occupational use.

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
- 10-year warranty*
- This technical data sheet is only applicable in the United States and Canada (USAC).

Approved to be used with 3M's 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

* For USAC region only. Ask a 3M authorized installer or see the warranty card for complete details.

Recommended Applications

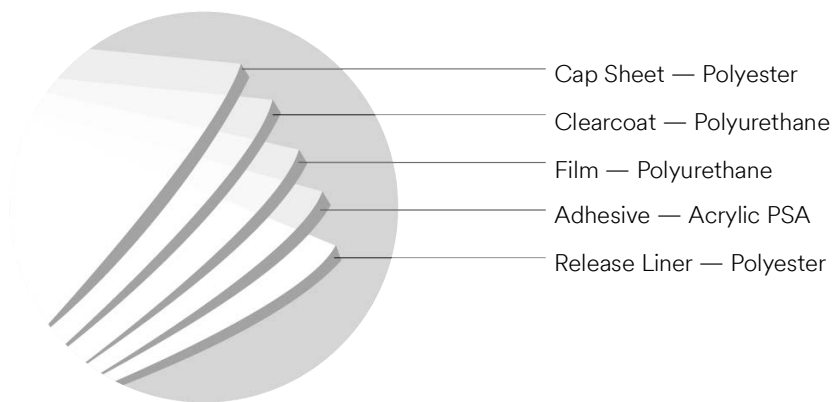
- Personal and commercial fleet vehicles



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

Product Line

Product Name	Description
3M™ Paint Protection Film Series 100 Gloss	Transparent film with a glossy finish



Product Characteristics

These are the typical values for unprocessed product. Processing may change the values.

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	Film with adhesive: 7.5 mil (0.19 mm) Liner: 2.9 mil (0.08 mm) Cap sheet: 2.0 mil (0.05 mm)
Adhesive	Acrylic, pressure activated
Adhesive Appearance	Clear
Adhesion on Automotive Paint (180° peels)*	Initial Adhesion (20 minutes at room temperature): 2.7 lbf/in. (4.7 N/cm) Final Adhesion (24 hours at room temperature): 3.8 lbf/in. (6.7 N/cm)
Elongation at Break	350%
Tensile Strength at Maximum Force	3,200 PSI (22 MPa)
Liner	Polyester

*3M Commercial Branding and Transportation products are not tested against automotive manufacturer specifications.

Application Characteristics

Characteristic	Value
Application Method	Wet only
Substrate Types	OEM painted surfaces*
Application Temperatures	60°F to 85° (16°C to 30°C)

*See [3M™ Paint Protection Film Installation Guidelines](#) for complete details.

Installation

NOTE

For optimal application of paint protection film on the vehicle, install at temperatures of 70°F to 79°F (21°C to 26°C).

Maintenance and Cleaning

- The cleaner must be wet, non-abrasive, without solvents, and have a pH value between 6 and 8 (neither strongly acidic nor strongly alkaline).
- 3M™ Perfect-It™ Show Car Paste Wax (PN39526) can be applied after several days or within a couple months after PPF installation. Users must then regularly wash and recoat the surface going forward.
- Alternatively, 3M™ Ceramic Coating or 3M™ Ceramic Boost can be applied for additional hydrophobicity, stain resistance, and easy clean features.
- Do NOT use waxes containing dyes, abrasive polishes, and/or rubbing compounds. The abrasive particles will damage the film surface and result in a loss of surface quality.

Removal

3M recommends using a heat gun or steamer to aid removal. The correct angle of removal is 30 to 60 degrees from the surface of the paint.

Shelf Life and Storage

The shelf life is an indicative and maximum data, subject to many external and non-controllable factors. It may NEVER be interpreted as a warranty. The shelf life is 18 months from the date of manufacture on the original box.

NOTE

3M recommends storage conditions of 60°F to 85°F (16°C to 30°C), out of sunlight, in the original container, and in a clean and dry area.

Health and Safety

Tools and Equipment Usage

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

Chemicals

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

[Follow this link to obtain SDS sheets for 3M products.](#)

[Follow this link to obtain information about substances of very high concern \(SVHC\) for EU products.](#)

Warranty Information

Technical Information

Technical information, guidance, and other statements 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 to any intellectual property rights is granted or implied with respect to this technical 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 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.

Commercial Branding and Transportation

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