



## M-PPF<sup>®</sup> Handling Guide

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### Overview

Metamark M-PPF<sup>®</sup> is a range of professional paint protection films. Through correct installation, the films will offer long-term trouble-free protection of the vehicle, and a near invisible finish.

Successful installation requires appropriate techniques, and is a skilled process. Our video training guides can be found on our website.

For more information visit [www.metamark.co.uk/m-ppf](http://www.metamark.co.uk/m-ppf) or [www.m-ppf.com](http://www.m-ppf.com)



## 1. Paint Finishes

- ✓ M-PPF® films are suitable for use on OEM factory paint.
- ✓ They are not suitable for use on paint which has a ceramic coating.
- ✓ Waxes will be removed in preparation.

## 2. Handling

- ✓ Store the product in original packaging and keep the roll tightly wound.
- ✓ Ensure the product is stored below 32°C and between 40-60% humidity. Application must be above 10°C.
- ✓ Only handle the film in a clean room environment, as static will pick up dust onto the film.

## 3. Cleaning

- ✓ Installation of M-PPF® should only be carried out in a fully clean environment.
- ✓ The vehicle must be meticulously cleaned.
- ✓ Wash the vehicle with soap and water. Remove localised tar with Metamark Adhesive Remover.
- ✓ Use a clay bar over the vehicle to remove road debris.
- ✓ Recesses must be meticulously cleaned.
- ✓ Finally clean the vehicle with Metamark Surface Cleaner, then dry and polish.

## 4. Cap Sheet

- ✓ Metamark M-PPF® X and M-PPF® R have a cap sheet.
- ✓ The cap sheet protects the finish of the film during storage and transportation.
- ✓ The cap sheet should be removed before installation and cutting. The cap sheet has a light release, so to avoid delamination, the roll must be kept tightly wound during storage. If storing the roll with the cap sheet removed, contamination may mark the film.
- ✓ Remove cap sheet before plotter cutting.

## 5. Installation

- ✓ Metamark PPF Slip Solution should be used for application. Mix with distilled water in a concentration determined by the conditions, and up to 50ml per litre.
- ✓ M-PPF® has a solvent-based adhesive so the product can be safely saturated.
- ✓ For a 'tack' solution, use pure distilled water.
- ✓ Allow the edges to be fully dry before firmly pressing into position.
- ✓ Dispense solutions with use of a pressure pump spray.
- ✓ The film is supplied as a 'bulk cut' product, requiring it to be cut to size during application. Do not cut directly onto the vehicle as it may damage paintwork. Instead, the film should be lightly scored and separated, or cut away from the vehicle. It is suitable for plotter cutting.
- ✓ Do not wash the vehicle for at least 48 hours after installation. Allow 24 hours after installation before the vehicle is released.

## 6. Troubleshooting

Through correct installation, M-PPF® films will offer long-term trouble-free protection of the vehicle. Typical installation related issues include the following;

- ① Blemishes under the film, are a function of the vehicle still having debris or contamination under the film. Paint Protection Films require a meticulous clean with a clay bar, and the use of distilled water.
- ① Material tunnelling or lifting around the edges. It is vital to correctly clean the vehicle. Carefully follow the correct techniques to manage stress in the film. It is vital to trim correctly.
- ① Tram lines under the film can be a result of allowing the cap sheet to partially delaminate away from the roll during storage. It is vital to keep the roll tightly wound to avoid this.

The above data is given in good faith to provide an indication of the performance of the product. Purchasers should consider the suitability of each product for its intended use and the purchaser assumes all risks in connection with such use. Seller shall not be liable for damages in excess of the purchase price of the product nor for incidental nor consequential loss.