



FlexiShield Clear Paint Protection and Headlight Protection Films Installation Manual

Congratulations on choosing FlexiShield Clear Paint Protection Film to safeguard your vehicle's paintwork. This manual will provide you with step-by-step instructions for the proper application of FlexiShield Clear Paint Protection Film. Please read and follow the instructions carefully before beginning the application process.

TOOLS & MATERIALS:

1. FlexiShield Clear Paint Protection Film Kit (including the PPF, installation solutions (see below), squeegee, and utility knife)
2. Clay
3. Clean microfiber towels
4. Isopropyl alcohol (at least 70% concentration)
5. Spray bottle
6. Demineralized Water
7. Heat gun or torch

INSTALLATION SOLUTIONS:

Slip *: 4 to 8 ml (3-7 drops) of ph-neutral, non-perfumed soap (e.g. Johnson's Baby Soap) for 1 liter demineralized water

or

30ml FlexiShield Professional Application Foam for 1 liter of demineralized water
(depends on experience and personal preferences).

Tack: 100ml FlexiShield Installation Gel for 1 liter of demineralized water.

or

Pure demineralized water* *.

or

20% to 40% Isopropyl alcohol (at least 70% concentration) mixed with demineralised water. This will improve and quicken adhesion, especially on the edges. Combining this with a heat-gun will accelerate the process even further.

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A brand of:



FlexiShield

Paint Protection Film

* For FlexiShield HDL Headlight Protection Film most users do not apply a slip solution, but only use a tack solution for application.

** On certain dark-colour paints and strong-tacking paint surfaces, you can reduce the tack by gradually adding some PH-neutral, non-perfumed soap as required.

PREPARATION:

1. Choose a clean and well-lit area to work on your vehicle. It is recommended to apply FlexiShield Clear Paint Protection Film indoors or in a covered space to minimize dust and debris.
2. Thoroughly wash your vehicle with a mild car shampoo and rinse it off. Ensure that the paintwork is completely clean and free from dirt, debris, and wax.
3. If there are any existing imperfections on the paint, such as swirl marks or scratches, it is recommended to correct them before applying the protection film. Use a suitable polish or compound and follow the manufacturer's instructions.
4. Park your vehicle in a well-ventilated area and allow it to dry completely before proceeding with the application.
5. To ensure a proper adhesion of the film, use Isopropyl alcohol [at least 70% concentration], to clean and prepare all part edges.
6. **NOTE:** Ceramic Coatings reduce the adhesion of clear and colour PPF, as well as headlight and windshield protection films. If the surface has been treated with ceramic coatings in the past, and these ceramic coatings are still performing, they should be thoroughly cleaned off the surface using 99% isopropyl alcohol before applying any film. Failure to do so – or to do so properly – might result in lifting, bubbles, adhesive marks, or many other installation and performance failures.

APPLICATION:

1. Carefully unroll the FlexiShield Clear Paint Protection Film and cut it to the desired size and shape using a utility knife. Leave a small margin around the edges for easy handling.
2. Clean the section of the vehicle where you will be applying the protection film with isopropyl alcohol. Ensure that the surface is free from any residue or contaminants.

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3. Spray the slip solution generously on both the vehicle surface and the adhesive side of the protection film.
4. Align the protection film with the desired area on the vehicle. You can slightly reposition the film during this step if needed, as the slip solution will allow for some adjustment.
5. Once the film is properly aligned, rinse off the slip solution by spraying the adhesive side of the film with tack solution. Use a squeegee to remove the excess slip solution and any bubbles trapped underneath the film. Start from the centre and work your way towards the edges, using firm but gentle pressure.
6. Continue applying the protection film section by section, following the same steps mentioned above. Take your time to ensure a smooth and even application.
7. If you encounter any large bubbles that cannot be removed with the squeegee or brush, you can carefully lift the film and reapply it. However, exercise caution to avoid stretching or damaging the film during this process.
8. Once the protection film is applied to the entire desired area, use a heat gun or hairdryer on low heat to gently warm the film. This will help the film conform to the curves and contours of the vehicle.
9. Allow the protection film to cure and bond with the paintwork for at least 24 - 48 hours before exposing it to water or extreme weather conditions.
10. After the curing period, inspect the applied protection film for any remaining air bubbles or imperfections. If necessary, use a pin or needle to puncture the bubble and carefully press out the air.
11. Finally, use a clean microfiber towel to remove any remaining installation solution or moisture from the film's surface.

VEHICLE DELIVERY AND CHECK UP:

Allow yourself a day after the installation is complete so that you can check the entire car and make sure you are delivering a high-quality finish. This will save you time and ensure a satisfied customer who is sure to recommend you to his friends or co-workers.

We recommend that you ask all customers to come back for a 30-day check-up after installation. This gives you a chance to check over all edges and ensure none of them are lifting with time. If they are then the panel was not installed correctly. To fix this you can trim the edges to remove the lifting film or - if the affected area is very large - you should replace the panel free of charge. It is also a great opportunity to rectify any issues the customer may have spotted or be dwelling on.

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If you are able to fix any little edges and address any issues, you have fixed their problem before they even noticed it.

CUSTOMER AFTER-CARE:

Please make sure to share the following instructions with your customer. These can also be found in our Refund / Exchange Policy and Warranty:

Within 7 days after installation:

- Do not wash your car.
- Do not use towels to wipe the film, particularly avoid wiping along the edges of the film.
- Do not use high-pressure water sprayers to rinse the film.

Within 3 days after installation:

- Do not drive over 50 MPH or 80 km/h.

After-care instructions:

It is normal if there is some residual water under the film after installation. Within 15-30 days the water will have evaporated. Parking your car under direct sunlight will help accelerate the drying process.

After installing FlexiShield PPF, avoid using strong acids or alkalis to clean the PPF. Failure to do so could reduce gloss over time.

FlexiShield has self-healing and water-repelling properties. However, this does not ensure that the film will not be damaged under extreme conditions. Bird droppings and dead bugs on the film should be washed within 72 hours to avoid any residual penetration into the film.

If you find film edge lifting or water/air bubbling, contact the installation shop for professional advice. Do not cut or peel the film yourself.

Avoid using low quality, microfibre cloths that could leak colour and stain the PPF film.

Avoid washing your vehicle for the first 2 weeks after applying FlexiShield Clear Paint Protection Film to allow it to fully cure.

When washing the vehicle, use a mild car shampoo and a soft sponge or microfiber wash mitt. Avoid using abrasive brushes or sponges that may scratch the film.

Do not use any abrasive or solvent-based cleaners on the protection film. These can damage the protective layer and reduce its effectiveness.

Regularly inspect the protection film for any signs of damage or peeling. If you notice any issues, it is recommended to seek professional assistance to repair or replace the affected area.

By following these instructions and properly maintaining your FlexiShield Clear Paint Protection Film, you can ensure the longevity and effectiveness of the protective layer. If you have any further

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questions or concerns, do not hesitate to contact the manufacturer or seek professional assistance.

QUESTIONS OR CONCERNS:

Please email, including good quality pictures, to training@reflekttech.com

Prepared by:

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