



**VAULTIX**  
Smart Trade Infinite Reach



# VAULTIX LLP Paint Protection Film



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GLOSS CLEAR PPF WITH  
HYDROPHOBIC FEATURE

TPU - AK85



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## INSTRUCTION

Paint protection film, also known as clear bra or PPF, is a thermoplastic urethane film that is applied to the painted surfaces of a vehicle to protect it from scratches, chips, and other types of damage. The film is transparent and can be applied to any part of the vehicle, including the hood, fenders, doors, and bumpers.

The film is typically 6.5-8.5 mils thick and is designed to be self-healing, meaning that it can repair itself from minor scratches and swirl marks. It is also resistant to UV rays, which can cause the paint to fade over time. Once applied, the film is virtually invisible and provides long-lasting protection for the vehicle's paint.

wrapping the car or having a test of the film whenever you open the PPF boxes, kindly handle the PPF carefully to avoid damages during installation and follow these steps in case of any inappropriate operation :

1. Under the dust-proof environment to ensure a smooth and professional-looking finish;
2. Clean the surface of the car where you want to install the PPF with soap water and a microfiber cloth. Make sure the surface is completely dry before proceeding to the next step.
3. Cut the PPF to the desired size and shape using a blade based on your car model.
4. Spray sufficient soap water on the surface of the car where you install the PPF.
5. Peel off the adhesive liner from the PPF and spray soap water on the adhesive side of the film.
6. Place the PPF carefully on the surface of the car and adjust it to the proper position.
7. Use a squeegee to remove air bubbles and excess water from under the film.
8. Let the PPF dry for at least 24 hours before washing or exposing it to water.

## CAUTIONS FOR USAGE

- 1. Do not press the surface of the film to avoid marks and imprint on the film.
- 2. Handle the box carefully, if the outer box is damaged, the inside membrane of the box will be injured.
- 3. There will be tape imprinted on the inside of each roll to avoid this situation, the manufacturer uses sponge tube.
- 4. Due to the pressure of the film itself, the gloss on the film surface will be reduced time by time. If it happens, heat it with a baking gun after the film is pasted to restore the luster.
- 5. Due to storage status and long time of storage, etc., there will be imprinted and delustering phenomena during the storage. This kind of problem can be recovered by heating with a baking gun. (The storage environment temperature is preferably below 32 degrees Celsius, and the relative humidity is within 40% to 60%).
- 6. When change the box, you must use a box with a suitable size to avoid damage the membrane.
- 7. Depending on the season or temperature environment, the viscous strength will vary. In winter, the installation environment temperature is above 20 degrees Celsius.
- 8. Installation liquid can be a drop of body wash and water. Our PPF doesn't need to be installed with alcohol, otherwise it will destroy the glue.
- 9. use it after open immediately, so as not to cause poor effect due to air entered into the film.
- 10. Precautions for edge wrapping: After washing with clean water, let it dry for 30 to 40 minutes because of the glue, and the edge wrapping can be started after the water is sufficiently.
- 11. When tearing the film, you need to let the car completely cool down, and then use hot water to assist the 45 degree Angle to slowly tear off. There may be a little possibility of leaving glue, but leaving a little glue is normal, does not affect the quality of the film.

## MAINTENANCE PRECAUTIONS

- 1. After applying the film, do not wash the car within 48 hours.
- 2. Be care for of the high-pressure water gun to avoid the film falling off, when washing the car.

The pressure of the water gun is too high, the water spray is too close, and the film will fall off at the corners. The water gun spray water should not be too close (at least 1 meter or more )

- 3. Do not use waxes with colors and abrasive materials (do not apply chemicals such as naphtha and kerosene.
- 4. Do not use rough towels and chemicals when cleaning the film surface,, ( recommends car washing, waxing and maintenance regularly).
- 5. If the membrane surface is contaminated, wipe it off as soon as possible.
- 6. The surface pollution cannot be removed, alcohol can wipe off .
- 7. Please avoid storing or exposing direct sunlight or high temperature environment to avoid any damage.

## NOTICE

### Why the pinhole happens and how to avoid ?

- 1. When you take out film from the box without dust-proof place, tear off the stickers .Especially for our Nano hydrophobic coating,which is best for water discharge , the viscosity of the protection film is not as strong as the hydrophilic coating,the air will enter into the film easily because of the tensile force.

After you peel off the protection film,the film will be contaminated by the dust and small articles in the air, it causes the pinhole.

- 2. To avoid of pinhole, please ensure opening the film under dust-proof place, you have to press the film firmly for preventing the air entering into other parts, if you want cut 1 meter for test, better roll it up immediately and packed well after cutting.

### How to avoid swirl marks and imprinted by inappropriate operation ?

- 1. Inappropriate operation can cause the damage of the film, such as swirl marks and imprint. Open the film gently and smoothly in one direction to avoid folding damage or imprint caused by protection film.