

FAQ

Any questions? We have the answers!

Do I have a bubble (tunnel-shaped) coming back to one side or to the bottom or top?

Leave the car in the sun for 2 hours or heat gently with a hair dryer for a few minutes then smooth from the center of the window towards the edge to remove the bubble.

Dotted lines, there is a white border, what do I do?

Wait a week after installation and press again with a soft cloth (microfiber), for the brands Renault, Peugeot, Citroën, Fiat some BMW the outline is very marked, there are risks of white border.

I have white spots on my windows?

This is due to poor cleaning, there are small dusts which create excess thickness and give this white appearance.

What material are the films made of?

The films are made from pigmented polyester with aluminum vacuum spraying which allows the film to reflect radiant heat.

The film hangs when I smooth the film down?

There is not enough soapy water (not enough greasy), which does not allow the film to slide on the glass.

The film peels off at the bottom of the sliding windows?

This happens when the drying time has not been respected or the film has been incorrectly passed behind the joint. When you roll down the window the film turns and peels off. The only solution: change the defective film.

There are traits that appear on the film?

We need to clean the film. Window regulator problem, the seal is damaged inside and rubs and scratches the film. We must change the licker.

I have white bubbles trapped in the middle of the glass?

The only alternative is to pierce with a needle and press.

I made a hole in the movie loading the car what to do?

Depending on the size of the damaged part, whether it is a small hole, plus or minus 2 mm, a lower scratch 3 cm and 1 mm thick, the hole must be sealed with a marker.

I have installed the film and there is a gap on the edge of the glass?

If the gap is less than 3 mm correct the edge with the invisible marker

When I unpacked my kit, the films were scratched and wavy is this normal?

This is normal, it is the protective film (which comes off at the time of installation) is damaged due to thermoforming; the films are thermoformed for easier installation, and during this phase of work in our workshops, the film is heated and mounted to make it take the shape of your windows. You will not see anything after installation.

Are the safety films approved by insurance companies?

Not yet, but we are working on it.

How long are films guaranteed and against what?

The films have a 10 year warranty and are guaranteed against demetallization, color change, cracking.

Does the film stop the heat and the ultra violet?

Yes of course the films all absorb 99% of ultraviolet rays, a source of discoloration in your interior, and cut between 35 and 80% of radiant solar energy (heat source in your car) for your comfort and that of your passengers (in particular young children).

Are films environmentally friendly?

Yes, perfectly because having a window film on your car saves air conditioning and therefore fuel. In addition, the film is recyclable.

For more information:

Consult our guide and installation tips as well as our videos on our YouTube channel accessible from this page :



www.variance-auto.com/aide-pose-notice



www.youtube.com/user/jamdifus

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Instructions

Tinted windows kit for cars



Tinted windows kit manufacturer

www.variance-auto.com



No cutting needed !



M1 Fire resistance
certification



Anti-heat
protection !

Preliminary remarks:

- ✓ **Tinted windows are not prohibited.** Since January, 1st 2017, here is what the current law stands for :
 - No film can be applied on the windshield (except for the sun visor)
 - **Film application on the front windows** is still authorised provided that it allows at least 70% of VLT (Visible light transmission).
 - Regarding the rear windows and rear window, you are free to apply the film you want.

- ✓ Tinted films are suitable for interior and mineral glass.
- ✓ The defrost lines (rear window heating) and antennas will not be damaged by the application of a film.
- ✓ **The films may appear to be scratched, but this is only the protective film. The wrinkled appearance of the films (especially the rear window) is quite normal.** This is due to thermoforming and will disappear when installation has been completed.

Installation advices:

- On certain vehicles, it is advisable to remove the door linings as well as the window wipers. It is also preferable to remove the rear shelf for glasses that do not open.
- **Dosing of soapy water in the sprayer :** 1 tablespoon of dishwashing liquid or similar (not aggressive) for 1 liter of water.
- ✓ Differences are possible depending on the equipment of the car and the glazing suppliers. The film is cut to the largest dimensions of the window, so it is sometimes necessary to cut the film to fit the windows of the car (example: 3rd rear light, connection of the defrost wires, interior mirror, ceramic dotted around the window , fixed or opening window).
- ✓ After installation, milky or orange peel effects may appear, this is the consequence of the soapy product on the glue. These are normal effects, just allow the film to dry for them to disappear.



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Ideal conditions for applying the tinted film:

- ☒ Temperature between 10 and 30 ° C
- ☒ Be in a closed room as much as possible, away from wind and dust.
- ☒ Be well lit.
- ☒ Clean car body and windows.

The pastille stuck on the film indicates the side of the protective film.
The protective film must be removed during application.

A) CLEANING windows

1



Spray soapy water on both sides of the glass and pass the sponge on the scraper side to remove all impurities.

Please remove any stickers from the glass

2



Thoroughly wipe the glass and trim with a clean, soft cloth or chamois leather (edges and angles included).
Use a wiping pad to remove residual dust particles.

B) SETTING UP films

For the rear window

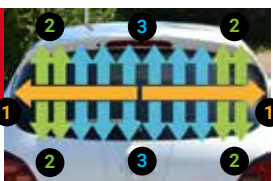
3



To remove the protective film, apply two pieces of tape on each side of the film on a corner and pull gently while spraying the film abundantly with the soapy solution (the glue will not be damaged) ; the film dissociates itself from its protection.

Thoroughly wet the window on the inside.

4



Spray the outer side of the film with the soapy solution.

Take the film on two ends and position it inside

glued to the bezel, wet side of the film.

Position the film and adjust it to the contours of the glass.

Start by smoothing out a strip in the middle (1, orange) glass from the center to the edges.

Then smooth out the 4 angles (2, green) and again from the center to the edges (3, blue).

For the side windows

5



Lower the window by +/- 3cm. Partially remove the protective film (keep +/- 10cm).

Slide the film so that it is correctly positioned on the glass with a 2mm setback from the roundness of the glass (if it does not slip, wet the film and the glass again).

Roll horizontally.

n.b: For windows without uprights (convertible, coupe, cc), the door striker must be closed in order to simulate the closing of the door.

6



Wind up the window. Thoroughly wet the non-filmed glazing and remove the protective film.

Using the Conquistador (VO115), pry open the seal to slide the film inside the seal.

Smooth down the lower part, then run the squeegee inside the joints.

C) FINITIONS

7



To expel air and liquid, wrap the squeegee in an absorbent cloth and pass it over the outer side of the film from the center to the end, starting at the top. It is necessary to press rather strongly on the squeegee while holding the film.

8



The installation is completed!

For more details, watch the videos on our site:

<https://www.variance-auto.com/aide-pose-notice>

Drying

Please do not roll down the windows until the film is dry. Leave to dry for about two days following exposure of the glass (sunny or not). Milky or orange peel effects may appear, this is the consequence of the soapy product on the glue. These are normal effects, just allow the film to dry and they will disappear.

Maintenance

To maintain a filmed window, all you need to do is clean it with standard window cleaning products and a clean, soft cloth (do not use a brush or abrasive).

Minimum material necessary for the installation of a Variance Auto film

- 1 squeegee for smoothing
- 1 special glazing sponge
- 1 pulvérisateur
- 1 Wiping pad (lint-free cloth or chamois leather)
- 1 Squeegee Lil Chizler

Water and non-aggressive soapy product such as dishwashing liquid (not supplied)



Discover our guide of tips to go further in your pose:

<https://www.variance-auto.com/aide-pose-notice>

To our knowledge and subject to improvements in installation technique
The VARIANCE installation instructions are protected, rights reserved. Any complete or partial reproduction are prohibited and are punishable.

PS : For any complaint concerning your order, contact us by email specifying your **order number** by attaching photos and products before installation to the following address:
contact@variance-auto.com