

Graphic Innovations

ORAGUARD®

Stone Guard Films



**Automotive
& Mobility**

Engineered to Achieve Perfection™



ORAGUARD® Stone Guard Films

The highly transparent and almost invisible ORAGUARD® stone chip protection films are ideal surface protection solutions for sensitive painted automotive surfaces. Specially designed to effectively protect vehicle body parts against stone chipping.

ORAGUARD® 2815GF

NEW!

- Excellent **paint protection solution** against stone chips
- **High brilliance** surface and almost invisible
- Very durable and with **high impact resistance**
- **Self-healing** effect - no maintenance needed
- **Easy to install** with professional guidance
- Designed to keep the **outer skin** of the car in pristine condition for up to **10 years!**

Pre-cuts? No problem!

The new ORAGUARD® 2815GF is easily cut on most conventional plotter systems, for convenient pre-cuts.



Application Guide

Criteria	NEW! ORAGUARD® 2815GF	ORAGUARD® 283/283F	ORAGUARD® 280/280F	ORAGUARD® 270	ORAGUARD® 285F
Full Body Protection	X		X		
Part Body Protection	X	X	X	X	
Mirrors					X
AutoCAT Design	X		X		



Stone Guard
by ORAFOL

Your car deserves the highest level of protection.
Your car - your choice

Criteria	NEW! ORAGUARD® 2815GF	ORAGUARD® 283/283F	ORAGUARD® 280/280F	ORAGUARD® 270	ORAGUARD® 285F
Base Material	Polyurethan	Polyurethan	Polyurethan	PVC	Polyurethan
Thickness	160µm	130µm	200µm	150µm	50µm
Stone-chip Protection	Best	Better	Best	Better	Good
Chemical Resistance	Highest	High	High	High	High
Stretchability	Best	Best	Better	Good	Best
Stain Retention	Excellent	Good	Good	Good	Good
Gloss Level	Highest	High	High	High	High
Self-healing Properties	Best	Better	Better	Good	Better
Service Life*	10 years	5 years	7 years	5 years	5 years
Training		See back page of brochure			

* Service life by specialist application under vertical outdoor exposure (standard central European climate)



Optimal Protection for Your Car

With the ORAGUARD® films, you get a long-term paint protection of your car, that will enable your car to go through daily use for years and keep on looking great!

- Preserves the value of your car
- Protects your car varnish against stone-chip or gravel damage, scratches and general debris (e.g. bird droppings, bug splatters)
- Protects your car against outdoor pollution
- Anti-corrosion
- Invisible protection



ORAFOL® Application Gel

NEW!

With the **NEW ORAFOL® Application Gel**, installation of car wrapping films is easier than ever before. The gel will provide an initial bond to the surface while simultaneously maintaining good slip/ floating properties and repositionability of the film. Adhesion will build up smoothly, reducing the risk of lift-lines and air entrapments.

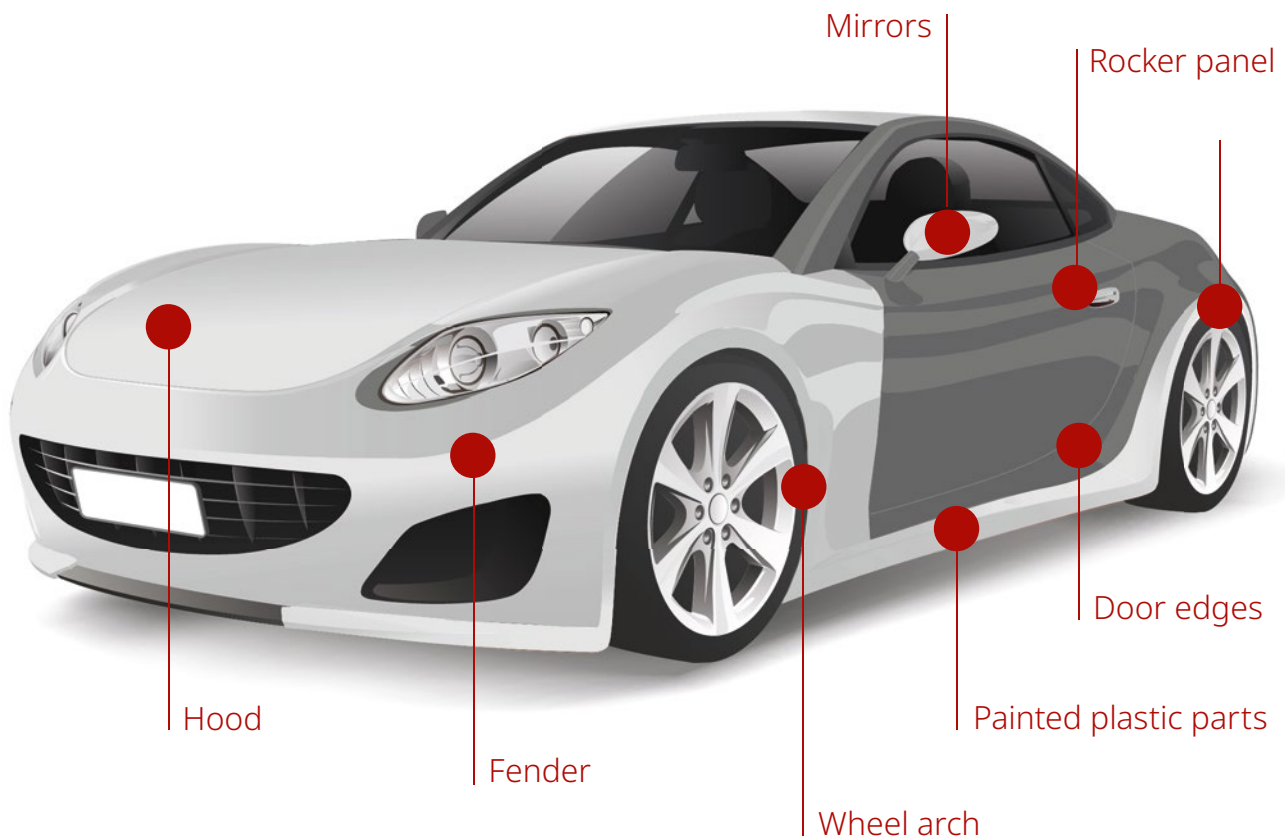
- **For graphic films that require wet application**
- **Prolonged slip-behaviour**
- **No dripping during vertical or over-head jobs**
- **No premature drying**
- **Dries off invisible and residue free**

The gel comes in 1000 ml bottles.

Protect the most vulnerable parts of your car

Typical areas of application

The ORAFOL Stone Guard Films are ultra transparent, meaning that you can apply them either as a **full wrap**, or as a **partial wrap** i.e. where only the areas of the car most exposed to risk of damage. Here are the most common areas:



! When using application fluid it may take 3-5 days, depending on film thickness, ambient temperature and humidity, until the residual moisture has fully evaporated and the cloudiness has disappeared and the final appearance has evolved.





Why ORAFOL

ORAFOL is your one-stop-shop for nearly all components needed for professional car wrap installations. The ORAFOL name is your guarantee for the highest quality materials, backed by decades of experience and a strong „Made in Germany“ mark.

Wrap Seminars

Several times a year, ORAFOL hosts advanced two-day workshop seminars for professionals employed in the car wrapping industry. At these workshops participants gain all the expertise for the application of ORAFOL® car wrapping materials. Check www.orafol.com for the next seminar dates!

seminars@orafol.de



Lots of tutorials with tips and tricks for easy installations:
www.youtube.com/c/ORAFOLEurope

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Find out more about our products at:
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