

Graphic Innovations

# ORAGUARD®

## Stone Guard Films



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® 2815 series

- 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!**
- 2815GF+ and 2815MF+ with super-hydrophobic surface

### Pre-cuts? No problem!

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



## Application Guide

Criteria	NEW!	NEW!			
	ORAGUARD® 2815GF+	ORAGUARD® 2815MF+	ORAGUARD® 2815GF	ORAGUARD® 270	ORAGUARD® 285F
Full Body Protection	x	x	x		
Part Body Protection	x	x	x	x	
Mirrors					x
AutoCAT Design	x	x	x		



**Stone Guard  
by ORAFOL**

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

Criteria	<b>NEW!</b> ORAGUARD® 2815GF+	<b>NEW!</b> ORAGUARD® 2815MF+	ORAGUARD® 2815GF	ORAGUARD® 270	ORAGUARD® 285F
Base Material	Polyurethan	Polyurethan	Polyurethan	PVC	Polyurethan
Thickness	160µm	160µm	160µm	150µm	50µm
Stone-chip Protection	Best	Best	Best	Better	Good
Chemical Resistance	Highest	Highest	Highest	High	High
Stretchability	Best	Best	Best	Good	Best
Stain Retention	Excellent with super-hydrophobic surface	Excellent with super-hydrophobic surface	Very Good	Good	Good
Gloss Level	Highest	Matte	Highest	High	High
Self-healing Properties	Best	Best	Best	Good	Better
surface finish	Gloss	Matte	Gloss	Gloss	Gloss
Service Life*	10 years	10 years	10 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, protects new sensor technology



## ORAFOL® Application Gel

**NEW!**

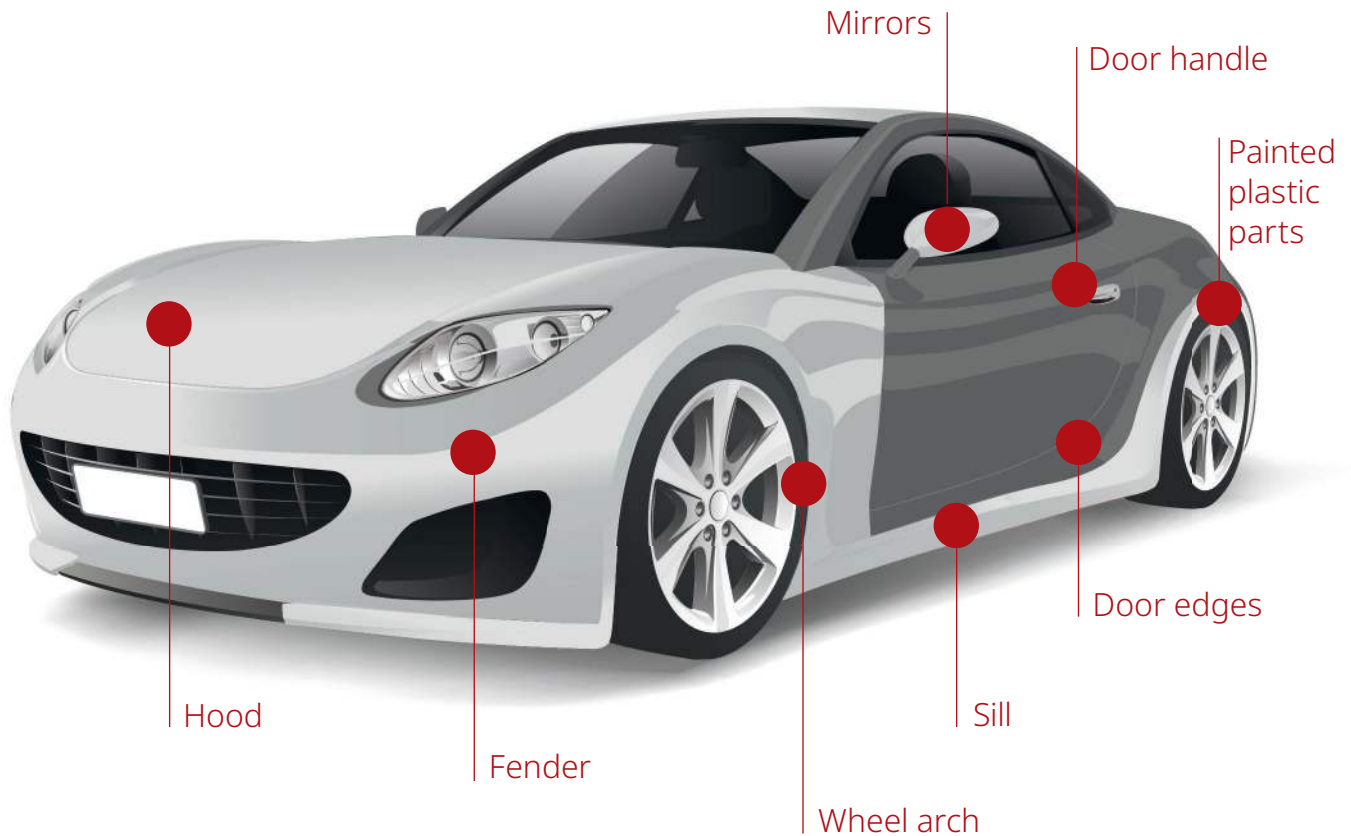
With the **NEW ORAFOL® Application Gel**, installation of car wrapping films is easier than ever before. The gel will provide an initial bond to the surface while simultaneously maintaining good slip/ floating properties and repositionability of the film. Adhesion will build up smoothly, reducing the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

- **For graphic films that require wet application**
- **Can be diluted as desired**
- **Prolonged slip-behaviour**
- **No dripping during vertical or over-head jobs**
- **No premature drying**
- **Dries off invisible and residue free**
- **Can be applied with a spray bottle**
- **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](http://www.orafol.com) for the next seminar dates!

[seminars@orafol.de](mailto:seminars@orafol.de)



Lots of tutorials with tips and tricks for easy installations:  
[www.youtube.com/c/ORAFOLeurope](https://www.youtube.com/c/ORAFOLeurope)

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