



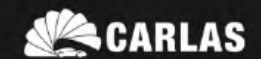
Carlas Industrial Co.,Ltd.



E-mail: [admin@carlaswrap.com](mailto:admin@carlaswrap.com)  
TEL: +8615013244902 FAX: +86-0758-8992628  
ADD: No.6 Gutang North Road, Dawang High-tech  
Zone Zhaoqing, Guangdong, China



ISO9001认证







# COMPANY INTRODUCTION

With over 24 years of experience, CARLAS leads the Paint Protection Film (PPF) industry with advanced technologies and designs. Our hydrophobic and self-healing top-coat technology ensures superior protection and high gloss.

Whether you want to change your car's color, add graphics or brands, or protect your paintwork, CARLAS has you covered. We also offer solutions to protect interiors and passengers from harmful sun rays. Our global network of trained installers ensures top-quality customization.

Services:

Car Wrapping & Protection, Customized Car Wraps, Commercial Vehicle Wraps, Window Tint, Paint Protection Film.

Why Choose CARLAS:

Advanced Technology, High Standards, Global Network, Comprehensive Protection.

At CARLAS, you will achieve a standout look and superior protection for your vehicle.





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# TPU COLORPPF

COLORFUL PPF, COULD WET INSTALL & DRY INSTALL  
COMBINING WRAP VINYL WITH PPF,  
COLORFUL AND LIFE SPAN LONGER



Thickness of  
7.5 or above



High-quality  
TPU substrate



Backed by a reputable factory  
to ensure product longevity



Over 160 colors for  
extensive selection



Self-healing and  
abrasion-resistant



Suitable for both wet and  
dry installation methods





# TPU COLORPPF

HOT SELF-HEALING  
TPU MATERIALS

GOOD STRETCHABILITY  
MORE GLOSSY ANTI-SCRATCH



- ★ Thickness of 7.5 or above
- ★ High-quality TPU substrate
- ★ Backed by a reputable factory to ensure product longevity
- ★ Over 160 colors for extensive selection
- ★ Self-healing and abrasion-resistant
- ★ Suitable for both wet and dry installation methods

#### COLOR CHANGE AND UPGRADE

Carlas TPU+true color coating surface film is developed and produced by Carlas professional discoloration film factory, which integrates coating surface protection and personality color-changing function, and is professionally used in body color-changing protective film.

#### WET AND DRY PASTE METHOD

Carlas 3rd generation TPU color changing film, using double-layer co-extrusion technology, self-developed special quality air guide groove, so as to achieve more toughness, strong and durable, no matter dry or wet, however, dry two pastes to improve construction efficiency.

#### 5+YEARS WARRANTY

The production focuses on bright colors with high glossy color, both with PPF, the same strong protection performance, 5 years official warranty, anti-scratch, anti-corrosion. Collisions and scratches are automatically repaired.



# 100%TPU

# SCAF PPF

## SCRATCH RESISTANCE

Products are made of high quality carbon fiber material with nice textures

## SELF-HEALING

Product customization  
According to original size  
Perfect fit

## Special Carbon Fiber PPF



## CARBON FIBER PATTERN

Easy installation  
Three-dimensional texture  
Super strong 3D texture





# PAINT PROTECTION FILM







**LIGHT  
TRANSPARENT FILM**



**REARVIEW MIRROR**



**EDGE ANGLE  
PROTECTIVE FILM**

# PRODUCT STRUCTURE

Your Car is Guarded By CARLAS 360° Comprehensive Protection

**Purpose:** PPF is a transparent film applied over the car's paint to protect it from damage.

**Protection:** Shields the paint from rocks, sand, scratches, road debris, and splattering insect.

**Self-Healing:** Some PPF products have self-healing properties that can eliminate minor scratches with heat.

**Preservation:** Helps maintain the car's resale value by keeping the paint in pristine condition.





# PAINT PROTECTION FILM

CUSTOMIZED

## Vehicle Model Data Car Film Engraving Machine



**\*\*Vehicle Model Data Recognition\*\***

**\*\*Data Accuracy\*\***

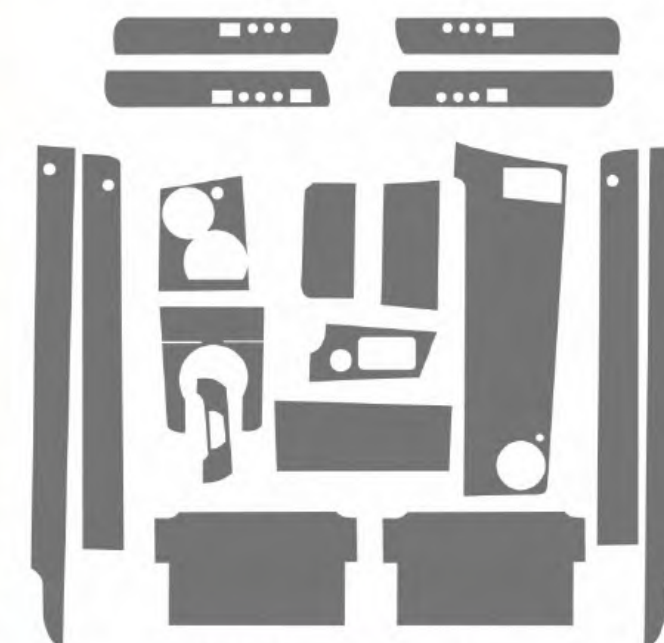
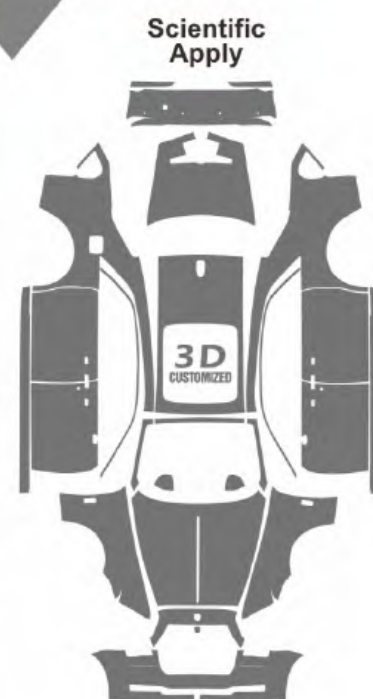
**\*\*Engraving Custom Designs\*\***

**\*\*Automation\*\***

**\*\*Multiple Engraving Options\*\***

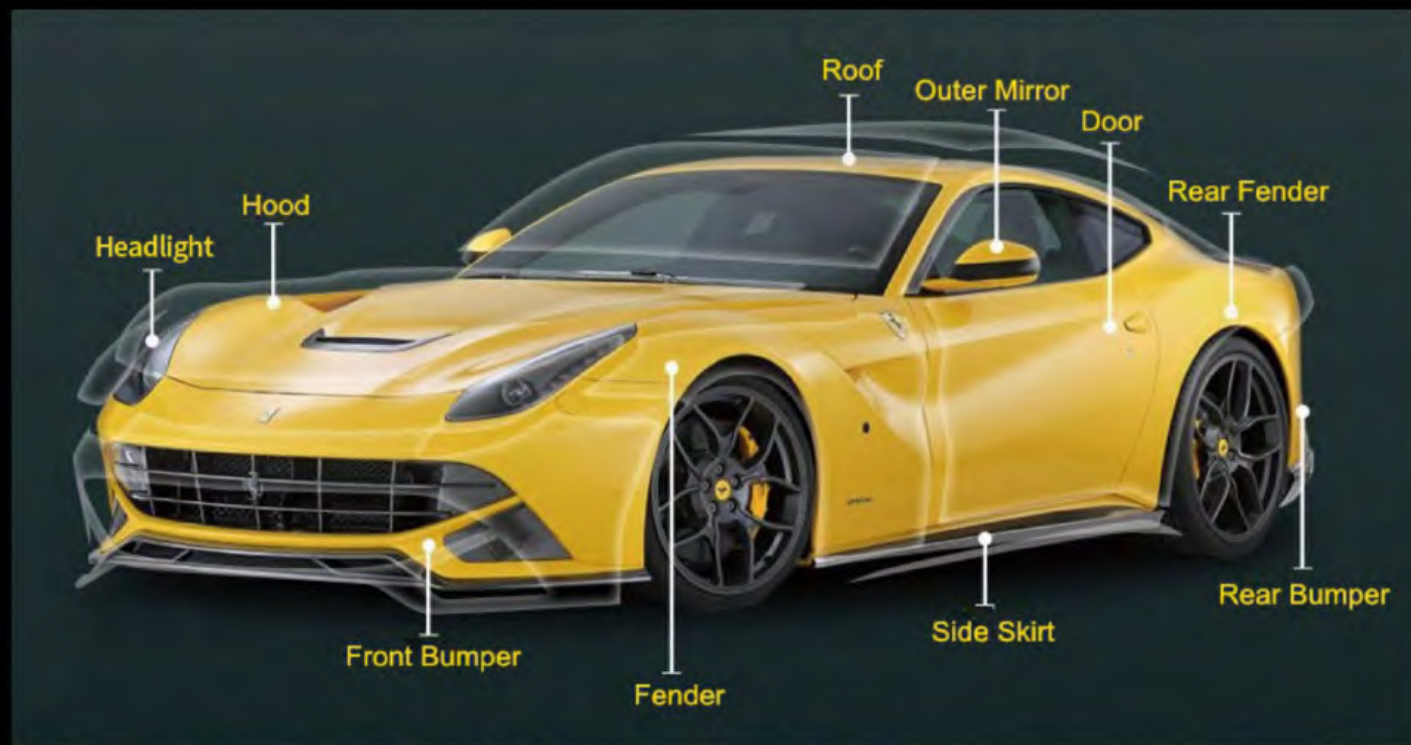
## 3D CUTTING FOR EXCLUSIVE USE

- Original vehicle data acquisition
- Thousands of sets of the original data
- 3D Computer cutting
- The accuracy rate is as high as 99%
- No need to remove and use knife on the paint
- Reduce the construction risk, and improve the aesthetic after construction



Interior protection





Material TPU /PU /TPH /PVC

**Features:**

- 1)High Glossy ;Anti-scratch ;Excellent self-healing
- 2)with coating layer and non yellow
- 3)Easy to clean&remove
- 4)UV,weather resistant and waterproof

**Application:**Car Mirror,car body

**Anti-Scratch& Self-Healing Testing**



Self-Healing Time1



Self-Healing Time2



Self-Healing Time3



Self-Healing Time4

**Effect Picture**



Model	Thickness	Material	Lifespan	Increase Glossy	Elongation at break	Time required for self-healing	Scratch resistance
G06	7.5mil	TPU	3+years	30%+	280%+	35s	45MPA+
MY75	7.5mil	TPU	5+years	Matte	280%+	35s	45MPA+
XP1600	6.5mil	TPU	5+years	30%+	260%+	35s	45MPA+
XP1800	7.5mil	TPU	5+years	30%+	320%+	15s	45MPA+
XP1900	8.5mil	TPU	5+years	30%+	340%+	20s	45MPA+
XP2000	10mil	TPU	5+years	30%+	280%+	35s	45MPA+
G20	7.5mil	TPU	5+years	35%+	280%+	35s	45MPA+
T	7.5mil	TPU	7+years	35%+	280%+	35s	45MPA+
PP	7.5mil	TPU	7+years	40%+	280%+	35s	45MPA+
CAP	7.5mil	TPU	10+years	40%+	280%+	35s	45MPA+
BJ 01 (Sunroof Film)	7.5mil	TPU	2+years	35%+	280%+	35s	45MPA+
XP 2100 (Front Windshield Film)	7.5mil	TPU	/	35%+	280%+	35s	45MPA+

**Material Distinction**

**TPU Material:**

TPU has excellent high strength,Very good toughness and wear resistance,Anti-Yellowing,Heating repair, 30%-40% brightness.It is a an environmentally friendly material with high safety.

**PU Material:**

Anti-scratch , self-healing increase glossy ,Strong toughness,environmental protection material.

**TPH Material:**

It has excellent wear resistance and good toughness.

**PVC Material:**

PVC is the cheapest ,which also has brightness effect, but is not obvious.It is very easy to turn yellow.





# CAR VINYL WRAP FILM

Thousands of colors available

- Rich in Colors
- High hardness
- Wear resistance and weather resistance
- Color stability
- Soft texture
- Safety and environmental protection



## Diamond series



## Highlights series





**PVC PU TPU**

# HEADLIGHT FILM

MEMORY REPAIR

DUST PROTECTION

CLEAR VISION

SCRATCH RESISTANCE



**SGS**



ISO9001认证

**CARLAS**



# LUMINOUS FILM

Shocking night glow effect  
Phantom



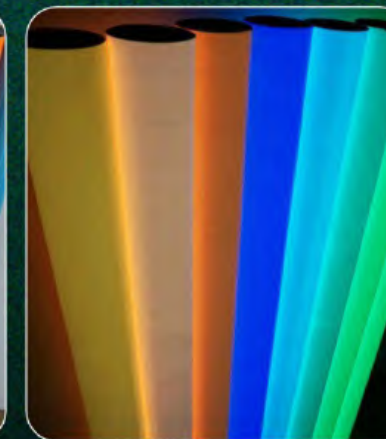
Colorful diversity  
Fluorescent night light



Daytime



night







# New trend

MOQ:1 Roll  
100% TPU Material  
Self-Healing TPU  
Hyper Gloss

## TPU INKJET FILM

PVC Dynamic and fashionable colors are at your heart



P R I V A T E F I L M S E R I E S

## TPU Self-repairability Inkjet Film

- Water Resistance
- Abrasion Resistance
- Fast Drying Self-Repairing
- Function High Definition Printing
- UV Protection

### Doodle Film



TY-003



TY-004



TY-005



TY-006



TY-007



TY-008



#### Features:

- 1) More design for choice
- 2) Accept customization
- 3) No fading, durable
- 4) Washable

**Application:** Car Mirror, Car Body, Roof

### Car Roof Printing Film



CD13-03



CD13-08



CD13-11



CD14-01



CD14-02



CD14-06



#### Features:







- 1) More design for choice
- 2) Accept customization
- 3) No fading, durable
- 4) Washable

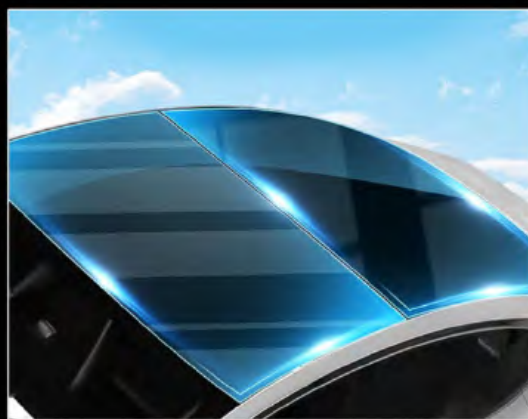
**Application:** Car Roof



# TPU SUNROOF FILM

Anti-collision Heat insulation Easy to clean

- |   |  |
|---|--|
|  Heat-insulating |  UV protection      |
|  Anti-collision  |  Anti-contamination |
|  Easy cleaning   |  Cost-effective     |



# TPU STARRY SKY SUNROOF FILM

———— Super strong insulation ————



The sky is full of stars within reach





# TPU WINDSHIELD FILM

High insulation

High definition



CARLAS Windshield Construction PPF

Front Windshield Adapt

100% TPU Materials

VLT: 93%

Heat Insulation 75%

Self-healing & Coating



PERFECTLY PROTECT YOUR WINDOWS



DOES NOT AFFECT THE SIGHT AT ALL

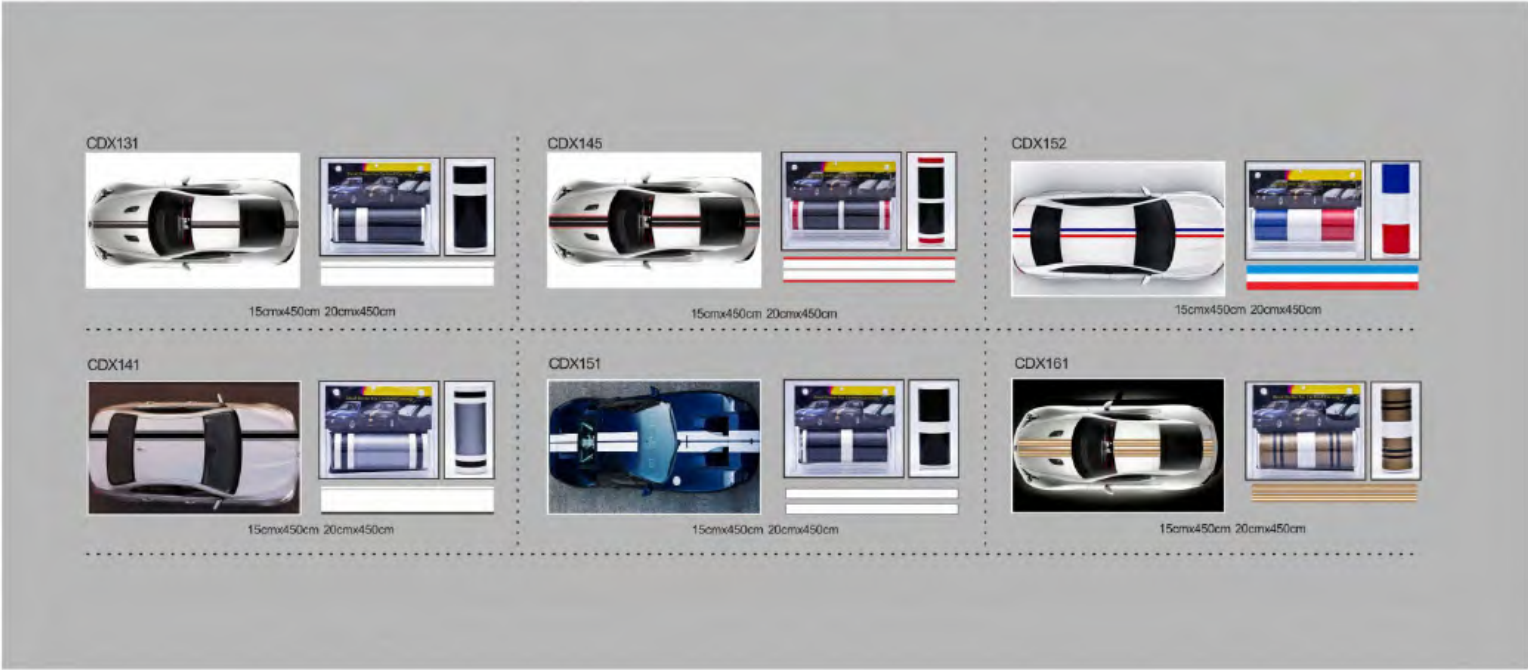






## RACING STRIPES

Note: All DIY sticker production is according to the sample books.



Car Decoration Sticker  
Accept Customization Design



# CAR STICKER OEM CUSTOMIZATION

Carlas make your car outstanding



## BUMPER PROTECTION FILM



## CAR PAINT PROTECTION FILM



## AUTOMOTIVE INTERIOR FILM



## REFLECTIVE FILM



## DOOR EDGE GUARD



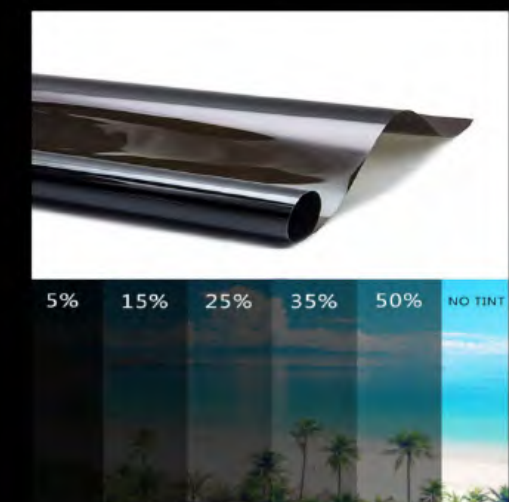
## ANTI-FOG FILM



## DIY RIM STRIPE



## SOLAR FILM





# WRAPPING TOOLS

CARLAS CAR STANDS OUT **EVEN MORE**

Carlas makes your car outstanding



## WRAPPING TISSUE



## WATER DRAINING TEST MACHINE



## CRASH TEST MACHINE



## T-SHIRT





# CARLAS ALL OVER THE WORLD



Thousands of authorized distributors all over the world





# CARLAS MILESTONES



## 2000

- Initiated the car body film business

## 2001

- Actively promoted the car sticker culture in China

## 2002

- Created the Carlas brand

## 2003–2004

- Established production base



## 2005

- Established Carlas brand marketing center

## 2006

- Established own website, attended exhibitions and received numerous awards

## 2007

- Received the prize of the AMP

## 2008

- Established 2 factories which cover an area of 25000m<sup>2</sup>

## 2009

- Became the partner of Geely Auto Group

## 2010

- Cooperated with Asian Games



## 2011

- The franchises had over 300 in China

## 2012

- Upgraded brands, developed agents and attended trade shows worldwide

## 2013

- Started the Thousands of Shop Project

## 2014

- Established operation and training center

## 2015

- Started the Brand Network Promotion Project

## 2016

- Entered a new phase of development for global distributor network

## 2017-2019

- Started the Global Agents Project

## 2020-2023

- Established the third factory in Zhaoqing

## MORE EXPECTATION IN THE FUTURE

