**STEK Automotive** 

### **PPF Introduction**

### PPF Background



During the Vietnam War, the US army heavily used helicopters. (~12,000)

The US Department of Defense wanted to **protect the rotor blades** from pieces of wood blowing in the wind when helicopters landed in the jungle.

In response to this, **3M developed a film of elastic urethane material** that was later known as **PPF**.

### **Paint Protection films**

- Made out of thermoplastic polyurethane (TPU)
   that can protect surfaces from impact damages
- Are also made to be UV-resistant, anti-pollution, chemical-resistant, and non-yellowing.

#### Also known as:

- Clear Bra
- Clear Mask
- Clear Wrap







### **PROTECTION**

- Protects paint from paint chips, rocks, stones, scratches, and other damages
- To keep your peace of mind
- Better to protect than to repaint protect your investment





#### **STYLE**

- Change or improve the texture of the car without changing the color (from gloss to matte or vice versa)
- Make the car feel more luxurious
- Change the color of the car without touching the original paint





### PPF INDUSTRY

**Alternative Applications** 











### PPF STEK Paint Protection Films

#### **Clear PPFs**

- **DYNOshield**
- **DYNOmatt**
- **DYNOprism**

### **Colored PPFs**

- DYNOblack gloss
- DYNOblack matte
- **DYNOwhite**
- **DYNOred**
- DYNOpurple
- **DYNOgray**

#### **Patterned PPFs**

- DYNOdamascus
- DYNOdamascus black
- DYNOcarbon
- DYNOblack carbon-gloss
- DYNOblack carbon-matte

### **Light Protection Films**

- **DYNOsmoke**
- **DYNOshade**
- **DYNOfancy**
- **DYNOshadow**

### **PPF** STEK Clear PPFs

 Made to protect the car's paint by maintaining it's color while maintaining, improving or changing the surface finish.

#### **DYNOshield**

- Our flagship product.
- High gloss
- High hydrophobicity
- Great protection and scratch-resistance

#### **DYNOmatt**

- Provides a matte finish
- "kills the gloss" of the paint

#### **DYNOprism**

"Metal-flake" finish









Unparalleled top coated technology for those seeking the best performing film.

- Ultra Gloss Finish
- Super Hydrophobic
- Anti-Contamination
- Self-healing from minor scratching
- Extreme high-gloss
- High-Stretch
- 10 years warranty

Cap sheet

Infused type top coat

TPU

Adhesive





### PPF STEK Colored PPFs

• Made to protect the car's paint by maintaining, improving or changing the surface finish.

DYNOblack gloss DYNOwhite DYNOred DYNOpurple DYNOgray

Fig. 1. The property of the property of



# DYNOblack-matte

Colored PPF with special top coat.
Black matte finish changes any color into satin black look

- Car paint replacement with protection
- Black Matte finish
- Hydrophobic
- Anti-Contamination
- Self-healing from minor scratching
- 10 years warranty

Cap sheet

Infused type top coat

Black colored matte finish TPU

Adhesive













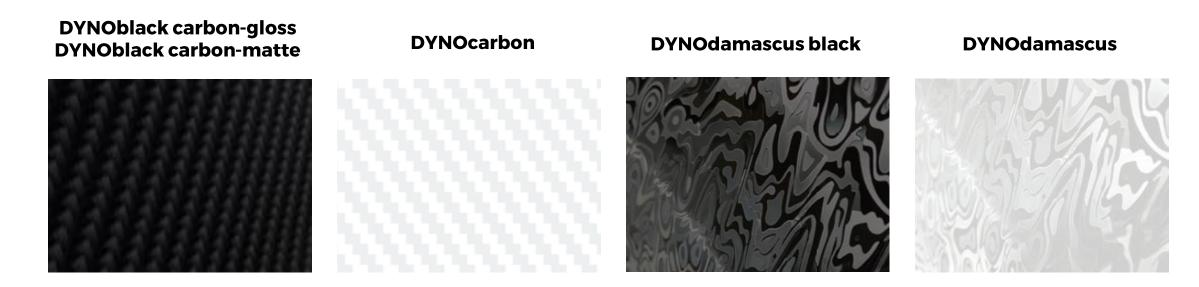








Made with patterns that changes the surface finish of the paint



## DYNOcarbon

Transparent PPF with carbon fiber pattern changes any color into carbon fiber look

- Carbon Fiber Pattern
- Hydrophobic
- Anti-Contamination
- Self-healing from minor scratching
- 7 years warranty

Cap sheet

Infused type top coat

Carbon Fiber Pattern TPU

Adhesive



Colored PPF with special top coat. Carbon Fiber Pattern finish changes any color into black carbon with matte finish

- Matte Carbon Fiber Pattern with black TPU
- Hydrophobic
- Anti-Contamination
- Self-healing from minor scratching
- 7 years warranty

Cap sheet

Infused type top coat
Black colored carbon Fiber Pattern

TPU Adhesive



Colored PPF with special top coat. Carbon Fiber Pattern finish changes any color into black carbon with glossy finish

- High Gloss Carbon Fiber Pattern
- Double layer TPU
- Hydrophobic
- Anti-Contamination
- Self-healing from minor scratching
- 7 years warranty

Cap sheet

Infused type top coat

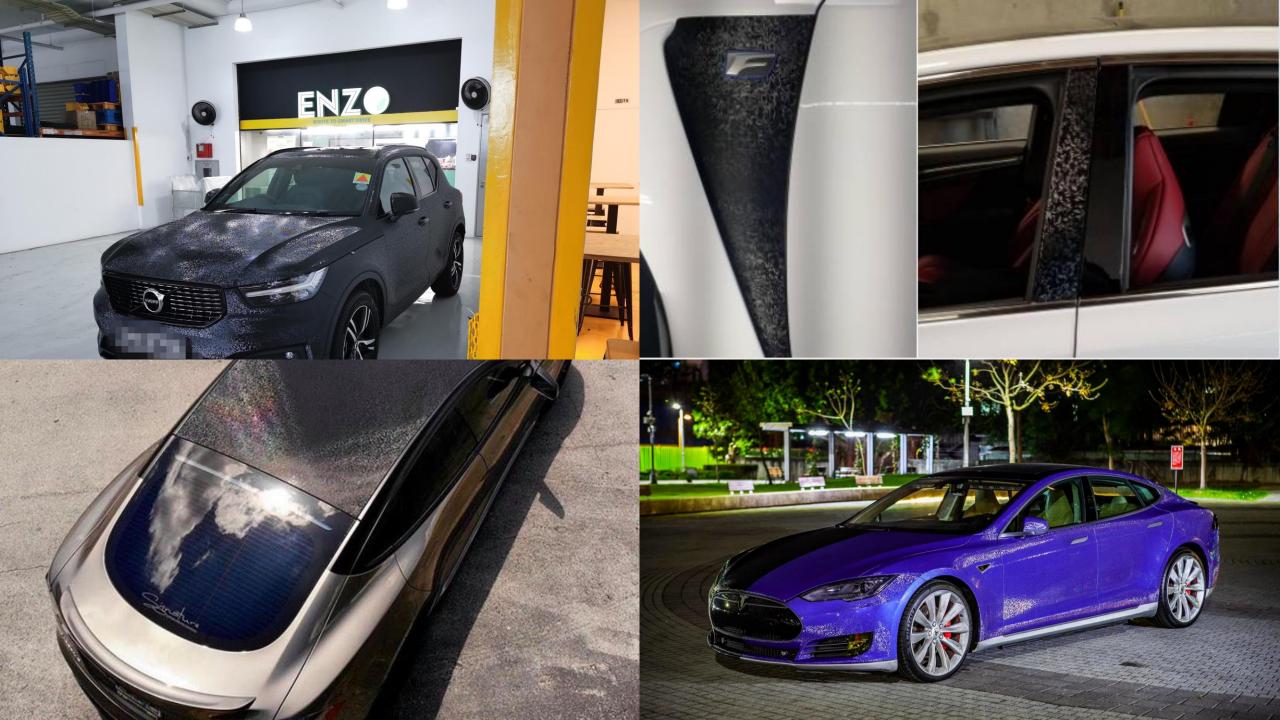
TPU

Black colored carbon Fiber Pattern

**TPU** 

Adhesive





### **PPF** Light Protection Films

- Made to protect headlights
- Provides color or tint while allowing light to pass through.

#### **STEK Light Protection Films**

- DYNOsmoke
- DYNOshade
- DYNOfancy
- DYNOshadow



# LIGHT PROTECTION FILMS LINE UP

### Change the color of the headlight with optimal protection

- 4 colors available (DYNOshade Violet-Tinted Coloration / DYNOsmoke Smoke / DYNOfancy Yellow / DYNOshadow Tint Color )
- Hydrophobic
- Anti-Contamination & Stain resistance
- Self-healing from minor scratching
- 7 years warranty

