

## DYNOblackcarbon PAINT PROTECTION FILM DATA SHEET

DYNOblackcarbon is designed to meet the customer's satisfaction on diversity and aesthetic. Our Top-Notch technology of 3D carbon fiber coating will give the best performance of top coated PPF in the market and unique style different with other. Specially designed top coating improves contaminant resistance from general PPF such as water marks, insects, bird droppings, road oils, exhaust smoke and pollution caused by yellowing and gloss out on surface. With its excellent shock-proofing properties it protects vehicle paint against chipping, scratches, car wash brushes etc and self healing against tiny scratches.

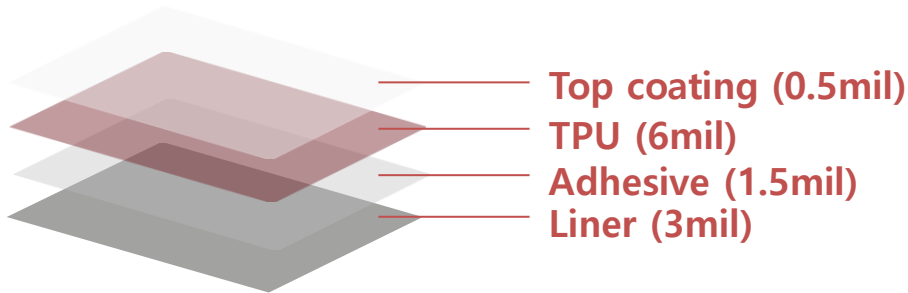
### TOP COATING SURFACE PROPERTIES

- ✓ **3D carbon fiber pattern**
- ✓ **Water repelling**
- ✓ **Self-healing**
- ✓ **Anti contamination**

### FILM MATERIAL

This film is a polycaprolactone based, aliphatic TPU film. It is a low gel, non yellowing, UV resistant film, and is used in a wide range of outdoor exposed vehicle protect application.

### STRUCTURE



### PHYSICAL PROPERTIES

<b>Thickness</b>	8mil
<b>Tensile Strength</b>	45MPa (D-412)
<b>Elongation at Break</b>	450% (D-412)
<b>Haze</b>	>1% (ASTM D-1003)
<b>Outdoor Weathering</b>	No change (6500W Xenon Arc, Irradiance:0.51 W/m <sup>2</sup> (340nm), 65°C Humidity 50% R.H. 1000hours)

### ADHESIVE PROPERTIES

- Removable
- Repositionable high-performance acrylic
- Non-yellowing