

## DYNOcarbon PAINT PROTECTION FILM DATA SHEET

DYNOcarbon 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**.

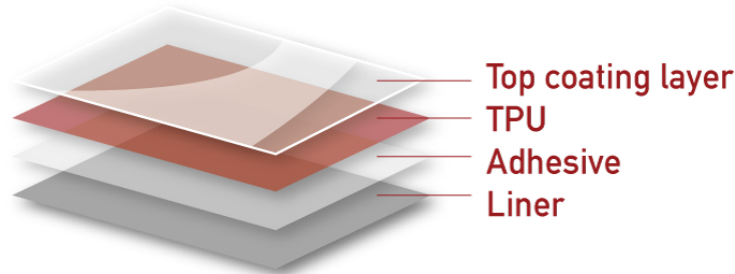
### TOP COATING SURFACE PROPERTIES

- ✓ **3D carbon fiber pattern**
- ✓ Water repelling (Hydrophobic)
- ✓ 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.

### FILM STRUCTURE



### PHYSICAL PROPERTIES

<b>Urethane Film Thickness</b>	150 ± 3µm
<b>Taber Abrasion</b>	<3.5g /1000g (ASTM D-1044)
<b>Gloss Value</b>	>80
<b>Tensile Strength</b>	6500psi (D-412)
<b>Elongation at Break</b>	450% (D-412)
<b>Outdoor Weathering</b>	Outdoor Weathering: No change (6500W Xenon Arc, Irradiance : 0.51 W/m <sup>2</sup> (340 nm), 65°C. Humidity 50% R.H. 1000hours)
<b>Haze</b>	>1% (ASTM D-1003 )

### ADHESIVE PROPERTIES

Removable, repositionable high performance acrylic, non-yellowing