



## DYNOshield PAINT PROTECTION FILM DATA SHEET

DYNOshield PAINT PROTECTION FILM (PPF) is a crystal clear PPF using STEK's unique HYDROphobe® top coating to deliver an extremely high gloss, extra durable finish. DYNOshield's brilliant shine will certainly help maintain that "just waxed" look for your car without you having to apply any wax! HYDROphobe improves contaminant resistance from water marks, insects, bird droppings, road oils, exhaust smoke, and pollutants that can create stains, yellowing, and gloss out on the film's surface. With its excellent "shock-proofing" properties it protects vehicle paint against chipping, scratching, car wash brush marks, etc. HYDROphobe's properties help DYNOshield provide the highest level of protection available from a paint protection film.

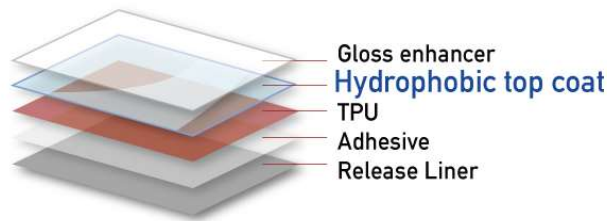
### TOP COATING SURFACE PROPERTIES

- ✓ STEK HYDROphobe® nano glass ceramic top coat
- ✓ Extreme water repellent performance
- ✓ Extreme high-gloss and optical clarity
- ✓ Self-healing from minor scratching, etc.
- ✓ Anti-contaminant, non-yellowing

### FILM MATERIAL

This film is a polycaprolactone based, aliphatic TPU (thermal polyurethane) film. It is a low gel, non-yellowing, UV-resistant film used in a wide range of outdoor exposed vehicle protection applications.

### FILM STRUCTURE



### PHYSICAL PROPERTIES

Urethane Film Thickness	150 $\mu\pm 3$
Taber Abrasion	<3.5g /1000g (ASTM D-1044)
Gloss Value	>80
Tensile Strength	6500psi (D-412)
Elongation at Break	450% (D-412)5
Outdoor Weathering	Outdoor Weathering: No change (6500W Xenon Arc, Irradiance: 0.51 W/m2(340 nm), 65°F, Relative Humidity 50%, 1000hours)

### ADHESIVE PROPERTIES

Removable, repositionable, non-yellowing, crystal-clear high performance acrylic adhesive