



DYNOprism® PAINT PROTECTION FILM DATA SHEET

DYNOprism PAINT PROTECTION FILM (PPF) is a specially designed PPF combining STEK's unique HYDROphobe® top coating with two-toned, color-shifting micro-prismatic particles. DYNOprism's brilliant color-shifting style will certainly make your car stand out from the rest! 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 DYNOprism provide the highest level of protection available from a paint protection film.

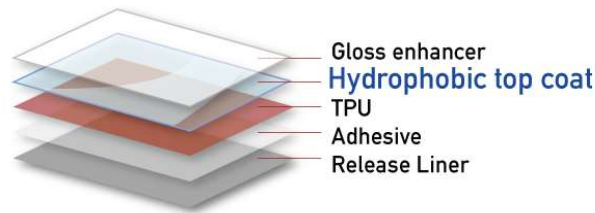
TOP COATING SURFACE PROPERTIES

- ✓ Two-tone pearlescent appearance
- ✓ Nano-glass hydrophobic top coat for extreme water repellent performance
- ✓ Extreme high-gloss and optical clarity
- ✓ Self-healing from minor scratching, etc.
- ✓ Anti-contamination nano-glass surface

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	5000psi (D-412)
Elongation at Break	550% (D-412)
Outdoor Weathering	Outdoor Weathering: No change (6500W Xenon Arc, Irradiance: 0.51 W/m ² (340 nm), 65°F, Relative Humidity 50%, 1000hours)

ADHESIVE PROPERTIES

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