



## PROshield PAINT PROTECTION FILM DATA SHEET

PROshield PAINT PROTECTION FILM (PPF) is a crystal clear PPF using an STEK proprietary top coating to deliver an extremely high gloss durable finish. PROshield's brilliant shine and clarity will help you maintain that new car exterior look for years! Our specially-formulated top coating provides 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. PROshield PPF helps to protect vehicle paint against chipping, scratching, car wash brush marks, etc. PROshield – a value leader in paint protection!

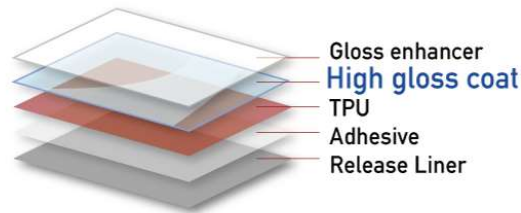
### TOP COATING SURFACE PROPERTIES

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

### ADHESIVE PROPERTIES

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