

PremiumShield Elite - 6 mil, Topcoated, Clear TPU

PremiumShield Ultra Elite is a high performance surface protection film. A 6mil (0.16mm) thick urethane film coated with a 1.6 mil (0.04mm) clear acrylic pressure sensitive adhesive system (PSA). The film is specifically designed for greater surface protection of painted, gel coated or other vulnerable surfaces improving functionality and allowing the conservation of visual appearance for long periods. To view a quick demonstration of how easy this film cleans, [click here](#)

Warranted against degradation from UV, peeling and cracking and yellowing; PremiumShield applies easily and maintains its clarity, durability and superior performance over a wide range of environmental conditions providing improved chemical and mechanical resistance (like stone chip) whilst offering conformibility to complex shapes and curves. Ideal for surfaces experience heavy impact for prolonged periods of time.

PremiumShield	
Adhesive Thickness (PSTC-133 - target 1.5-1.8 mil)	1.6 mil Acrylic PSA (0.04mm)
Product Thickness Release Liner Thickness	6 mil Clear Urethane (0.16mm) (Non Yellowing) 3.1mil (PET) (0.07mm)
Peel (PSTC-101) 3D/RT/SS	4708.293 gf/in (18.7N/cm) Film stretched during peels
Shear (PSTC-107) 1 hr dwell / SS	Averages 257 mins / 4.28 hrs
Tensile Breaking Strength (PSTC-131 as lb/in and N/25 mm) 20"/min / 2" jaw / Vinyl setting	109 lbf/in (485 N/25mm)
Elongation - percent (substrate/adhesive only PSTC-131)	435%
Gravelometer (SAEJ4000)	Pass (No Ruptures)
Outdoor Weathering – 24 Months Arizona 45 degree South Exposure (Range 35°F - 106°F)	Pass No significant change in gloss No significant change in adhesion No cracking or glazing
Resistance to Chemicals / Fluids (Crockmeter – 6 cycles) Isopropanol / Water (1:1) Diesel (Immersion / Rub test)	No Change No Change



PremiumShield Ultra-Elite
film was wiped clean with soft cloth and water after 3 months of real-time exposure during historic Boston winter of 2015. Crystal Clear!

3 months of road grime and salt build-up.

Important notice to purchaser

All statements, technical information and recommendations herein are based on tests carried out by independent authorities which we believe to be reliable, however the accuracy or completeness thereof is not guaranteed. Please ensure before using the product that it is suitable for your intended use.