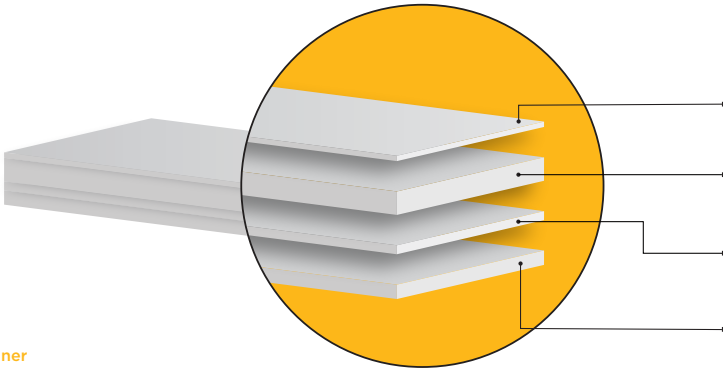
TECHNICAL DATA SHEET

STEALTH

INFORMATION

XPEL STEALTH™ Paint Protection Film is an 8mil thick, satin-finish polyurethane barrier featuring advanced self-healing properties to eliminate fine scratches and swirl marks. Its hydrophilic top coat delivers superior contamination resistance, reducing water spotting and surface buildup for long-term clarity and performance.

PRODUCT CONSTRUCTION



HYDROPHILIC TOP COAT
16.51 µm (0.65 mil)

POLYURETHANE
152.4 µm (6.0 mil)

ACRYLIC ADHESIVE
38.1 µm (1.5 mil)

POLYESTER RELEASE LINER
76.2 µm (3.0 mil)

Nominal Thickness W/O Release Liner
207.01 µm (8.15 mil) +/- 10%

GENERAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES	TESTING CONDITIONS	STANDARD
Adhesion	4.9 N/cm 5.4 N/cm 7.9 N/cm	20 min @ 23 °C 24 h @ 23 °C 168 h @ 80 °C	ASTM D3330 ASTM D3330 ASTM D3330
Optics Gloss	23 GU	60 Degree	ASTM D2457
Ageing test Heat Aging Xenon Weathering	No detrimental effect TBC	168 h @ 80 °C -	- ASTM D7869
Mechanical Ultimate Strength @ Break Tensile Elongation @ Break Tear Strength	21.6 MPa 328.7 % 77.0 kN/m	Test rate: 20 in/min (500 mm/min) Test rate: 20 in/min (500 mm/min) Die C, 20 in/min (500 mm/min)	ASTM D882 ASTM D882 ASTM D624
Stone Chip Resistance Gravelometry	Pass	3 pints of gravel, 70 PSI, 90° impact at 23 °C	SAE J400
Chemical Resistance 3M Carburetor Cleaner Spray	Pass	30s Exposure to Carburetor Spray	XPEL Internal Method
Stain Resistance Gasoline Diesel Motor Oil Turtle Wax 53448 Car Wash Detergent All Purpose Cleaner Sunscreen (SPF 30) IPA 99%	 Pass Pass Pass Pass Pass Pass Pass Pass	 30 min spotting resistance 30 min spotting resistance 30 min spotting resistance 30 min spotting resistance 30 min spotting resistance 30 min spotting resistance 30 min spotting resistance 30 min spotting resistance	 XPEL Internal Method XPEL Internal Method XPEL Internal Method XPEL Internal Method XPEL Internal Method XPEL Internal Method XPEL Internal Method XPEL Internal Method

RECOMMENDED SHELF LIFE - 2 years from date of purchase*
*if installing film after recommended shelf-life, re-certification by XPEL is required.

RECOMMENDED STORAGE CONDITIONS
72° F (22° C) @ 50% RH

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