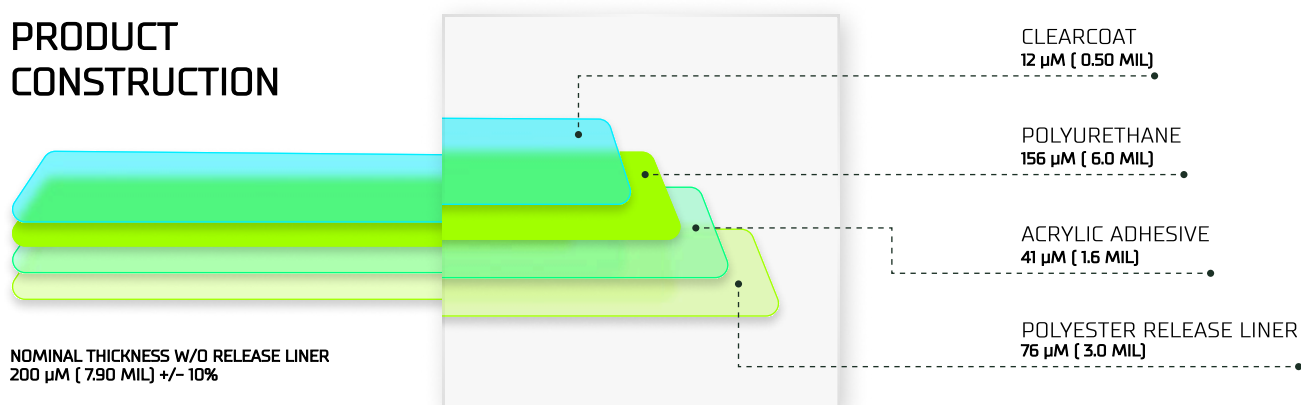


INFORMATION

VAVILON GLOSS PPF IS A PREMIUM-GRADE, SELF-HEALING, TRANSPARENT ALIPHATIC POLYURETHANE FILM SPECIALLY CRAFTED TO SHIELD CAR PAINT AND OTHER SURFACES FROM DAMAGE CAUSED BY ROAD DEBRIS, STONE CHIPS, AND ABRASIONS. ENGINEERED WITH EXCELLENT STRETCHABILITY, IT SIMPLIFIES INSTALLATION, EVEN IN ONE-PIECE APPLICATIONS. THE FILM'S LOW SURFACE ENERGY ENHANCES RESISTANCE TO STAINING AND PRESERVES ITS GLOSSY FINISH UNDER VARIOUS ENVIRONMENTAL CONDITIONS.

ITS ADVANCED TOP COAT USES FLEXIBLE ELASTOMERIC POLYMERS THAT ENABLE MINOR SURFACE SCRATCHES TO SELF-REPAIR OVER TIME, REDUCING THE NEED FOR REGULAR POLISHING AND KEEPING THE SURFACE LOOKING FRESHLY APPLIED. VAVILON GLOSS PPF ALSO FEATURES AN ULTRA-CLEAR, HIGH-PERFORMANCE ACRYLIC ADHESIVE THAT ENSURES STRONG BONDING ACROSS MANY SURFACES, WHILE ALLOWING FOR CLEAN, RESIDUE-FREE REMOVAL AND AVOIDING ANY DAMAGE TO THE UNDERLYING PAINT. THIS ADHESIVE IS SPECIFICALLY DEVELOPED TO PREVENT LIFTING OR DELAMINATION DURING OR AFTER INSTALLATION.17:46

PRODUCT CONSTRUCTION



GENERAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES	TESTING CONDITIONS	STANDARDS USED
PEEL ADHESION	>4 N/CM >7 N/CM >7 N/CM >7 N/CM >7 N/CM	20 MIN. @ ROOM TEMPERATURE 72 HR @ ROOM TEMPERATURE 168 HR @ 70°C (158°F) 168 HR @ 35°C (95°F) AND 100% RELATIVE HUMIDITY AFTER XENON WEATHERING	PSTC 101
GLOSS	>90 GU	60 DEGREE	ISO 2813
AGING TESTS HEAT AGING WATER IMMERSION AFTER XENON WEATHERING NATURAL WEATHERING - AZ NATURAL WEATHERING - FL	NO DETRIMENTAL EFFECT NO DETRIMENTAL EFFECT ΔE < 2/80% GLOSS RETENTION NO DETRIMENTAL EFFECT NO DETRIMENTAL EFFECT	16 DAYS @ 80°C (176°F) 400 HR @ 40°C (104°F) 4,500 KJ 3 YR @ 45° SOUTH-FACING EXPOSURE 3 YR @ 5° SOUTH-FACING EXPOSURE	- - SAE J2527 SAE J1976 SAE J1976
MECHANICAL ULTIMATE STRENGTH @ BREAK TENSILE ELONGATION @ BREAK SHRINKAGE	>15 MPA >200% <0.1%	TEST RATE: 20 IN/MIN (500 MM/MIN) TEST RATE: 20 IN/MIN (500 MM/MIN) AFTER ACCELERATED WEATHERING	ASTM D882 ASTM D882 XQT 111
STONE CHIP RESISTANCE	NO DETRIMENTAL EFFECT	4.73 L OF GRAVEL SHOT AT 70 PSI & -29°C (-20°F)	ASTM D3170/SAE J400
STAIN RESISTANCE WATER & SOAP SPOTTING ACID SPOTTING GASOLINE DIESEL FUEL MOTOR OIL LACQUER THINNER ENAMEL REDUCER ACETONE	NO DETRIMENTAL EFFECT NO DETRIMENTAL EFFECT NO DETRIMENTAL EFFECT NO DETRIMENTAL EFFECT NO DETRIMENTAL EFFECT NO DETRIMENTAL EFFECT NO DETRIMENTAL EFFECT NO DETRIMENTAL EFFECT	IMMERSE FOR 30 MIN, CHECK AFTER 24 HOURS FOR CHANGE XQT204 IMMERSE FOR 30 MIN, CHECK AFTER 24 HOURS FOR CHANGE XQT204 IMMERSE FOR 30 MIN, CHECK AFTER 24 HOURS FOR CHANGE XQT204 IMMERSE FOR 30 MIN, CHECK AFTER 24 HOURS FOR CHANGE XQT204 IMMERSE FOR 30 MIN, CHECK AFTER 24 HOURS FOR CHANGE XQT204 IMMERSE FOR 30 MIN, CHECK AFTER 24 HOURS FOR CHANGE XQT204 IMMERSE FOR 30 MIN, CHECK AFTER 24 HOURS FOR CHANGE XQT204 IMMERSE FOR 30 MIN, CHECK AFTER 24 HOURS FOR CHANGE XQT204	XQT 201 XQT 202 XQT 203 XQT 204 XQT 205 XQT 206 XQT 207 XQT 208

RECOMMENDED SHELF LIFE - 2 YEARS FROM DATE OF PURCHASE*

*IF INSTALLING FILM AFTER RECOMMENDED SHELF-LIFE, RE-CERTIFICATION BY VAVILON IS REQUIRED.

RECOMMENDED STORAGE CONDITIONS

72° F (22°C) @ 50% RH

NOTICE: THE REPRESENTATIONS OF PERFORMANCE AND SUITABILITY FOR USE CONTAINED IN THIS TECHNICAL DATA SHEET ARE MEANT ONLY AS A GUIDE. SINCE ONLY THE USER IS AWARE OF THE SPECIFIC CONDITIONS IN WHICH THE PRODUCT IS TO BE USED, IT IS THE USER'S RESPONSIBILITY TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THAT INTENDED USE.