VUNYX® SATIN MATTE FILM

7 YEARS WARRANTY

Technical Data Sheet

Vunyx® Satin Matte Film.

Introducing Onyx Coatings' latest advancement in automotive enhancement, Vunyx® Satin Matte Film. This sophisticated product transcends conventional paint protection, featuring our pioneering stain-resistant technology. This innovative solution ensures consistent. Pristine, matte finish for vehicles, minimizing the need for extensive maintenance. Elevate your automotive care standards and spend more time on the road with Vunyx® Satin Matte Film by Onyx Coating.

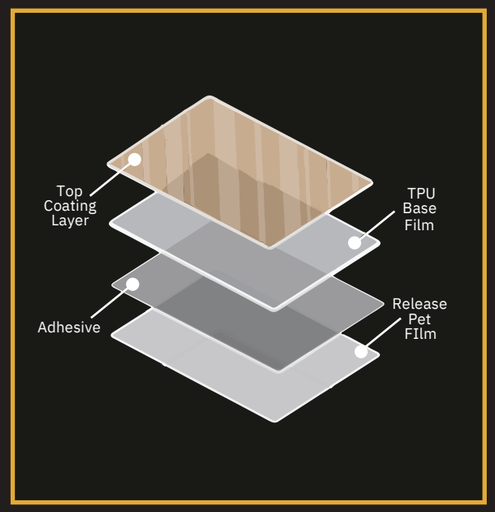
Custom-tailored for unparalleled business efficiency and superior results, our innovative features include:

- Adaptive Design: Our film's superior flexibility ensures easy adaptability around challenging areas like edges, bumpers, and mirrors. This means fewer seams and simpler applications.
- Precision Liner: A distinct liner highlights cut lines, ensuring precise applications, which translates to cost savings and minimize wastage.
- Water-Repellent Essence: Save on those regular car washes and enjoy a perpetually clean vehicle with our film's inherent hydrophobic properties.
- Elevated Aesthetics: Transform vehicles into sheer luxury, boasting a brilliant and radiant gloss.
- Self-Repair Tech: Our state-of-the-art polymer tech ensures minor scrapes and scratches become a worry of the past.
- Assured Protection: Our 7 year warranty is a testament to our faith in Vunyx® Satin Matte Film, offering robust defense against common wear and tear factors. (Please refer to the warranty terms and conditions www.onyxcoating.com).
- Resale Value Amplified: Keep the vehicle's original charm intact, ensuring a favourable market price when upgrading.
- Dual-Action Topcoat: This unique topcoat offers a two-fold Défense: it actively repels stains while also boasting a natural water resistance, ensuring your vehicle stays pristine against bird residues, insect marks, and various on-road environmental challenges.

Features Your Customers Will Adore:

- Easy Application: The film's design ensures even first-time users find the application process smooth.
- Enhanced UV Protection: Shield the car's paint from the harsh rays of the sun (prevent 85% of UV rays), preventing fading and maintaining its vibrant color.
- Cost Savings: : Long-term protection means fewer visits to repair shops and reduced maintenance costs over the vehicle's lifetime.
- Peace of Mind: With Vunyx® Satin Matte Film on the guard, customers can rest easy knowing their investment is securely protected against most external threats.

VUNYX®
SATIN MATTE FILMS



CHARACTERISTIC	HEAT SELF-HEALING
Onyx Coating Warranty	7-Years
TPU Base Film	Made in Germany BASF TPU resin
Performance Level	Premium+
Roll Size	1.52m x 15m (60in x 50ft)
Color	Matte
Film Thickness	7.5 Mil
TPU Base Film Thickness	150μm
Glue Thickness	25μm
Repair Coating	15μm
Release Paper	Matte
Durability	7-8 years
Adhesive Style	Transparent, polyacrylate, removable, Non yellowing.

TEST & RESULTS

PROPERTIES	TYPICAL VALUES	TEST METHOD
Top Coat Thickness Base ATPU Film Thickness	15 μm 150μm	ASTM D 347
Acrylic PSA Average Thickness	25μm	ASTM D 347
Peel Adhesion Average	1366gf/inch@20min 2045gf/inch@24h	GB/T 2792
Gloss 60 Degree	Adhesive Style	ASTM D 2457
Gravelometer	Pass-no penetration	GM 9508P-02
Elongation@break	＞300%	ASTM D 882
Tensile strength	23 Mpa	GB/T 1040.1
QUV Weathering-2000 hours	No visual change	ASTM G154-16 Circulation 1
Gasoline (60 min Exposure)	No visual change	
Soap/Detergent (60min submersion)	No visual change	

GENERAL CHARACTERISTICS	
Service Temperature Range	-40°F to 212°F (-40°C to 100°C)
Shelf Life	2-Years stored at 70°F (21°C) and 50% RH
Recommended Installation Environment Temperature	15°C – 30°C

HC = Hard Coat, TPU = Thermal Plastic Polyurethane, PSA = Pressure Sensitive Adhesive

Adhesion: 180o peel on Instron tensile tester

NDE: No Detrimental Effect

NOTE: All values are nominal values and should not be used for specification purposes

SHELF LIFE:
Onyx Coating GmbH recommends using Vunyx® Satin Matte Film within one year from the date of purchase. Optimum storage conditions for Vunyx® Satin Matte Film are 40 °F (4 °C) to 90 °F (32° C), and 40% to 60% relative humidity.

Notice: The representation 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 intended use.

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