

VUNYX® COLORED FILM

5 YEARS WARRANTY



Technical Data Sheet

Vunyx® Colored Film

Premium casted TPU colored ppf with true color stability. Engineered for professional installers and car care specialists, Vunyx® Colored Films combine vibrant, color-stable aesthetics with high-performance protection. Designed with cast TPU technology, this premium colored PPF delivers superior durability, heat self-healing, and consistent results for every installation.

Why Professionals Choose Vunyx® Colored Films:

• Single-Layer Casted Color TPU:

Unlike conventional multi-layer or printed color PPFs, our films are made with color integrated into the raw TPU resin. This ensures stable, true-to-design color with no risk of fading or discoloration.

• High Quality TPU Resin Base

Provides strong optical clarity, flexibility, and resistance to environmental wear.

• Professional-Grade Adhesive:

White or black adhesive ensures the installed color remains consistent, independent of the vehicle's paint color, for predictable results on every car.

• Self-Healing & Durable:

Heat-activated scratch repair and a 7.5 mil total thickness (150µm TPU + 25µm adhesive + 15µm top coating) provide long-lasting protection against scratches, contaminants, and environmental damage.

• Chemical & Weather Resistance:

Tested to withstand gasoline, detergents, and UV exposure (2000h QUV), ensuring installations remain flawless over time.

• Premium Finish Options:

High-gloss, matte, and stain-resistant versions allow installers to deliver tailored aesthetic results to clients.

• Easy & Accurate Installation:

Removable adhesive supports repositioning during installation, reducing errors and maximizing efficiency.

Features Your Customers Will Adore

• Authentic, Deep Color Appearance:

Rich, uniform color that looks painted, not wrapped.

• Touch Up Free Finish:

Self-healing top coat keeps the surface smooth and glossy day after day.

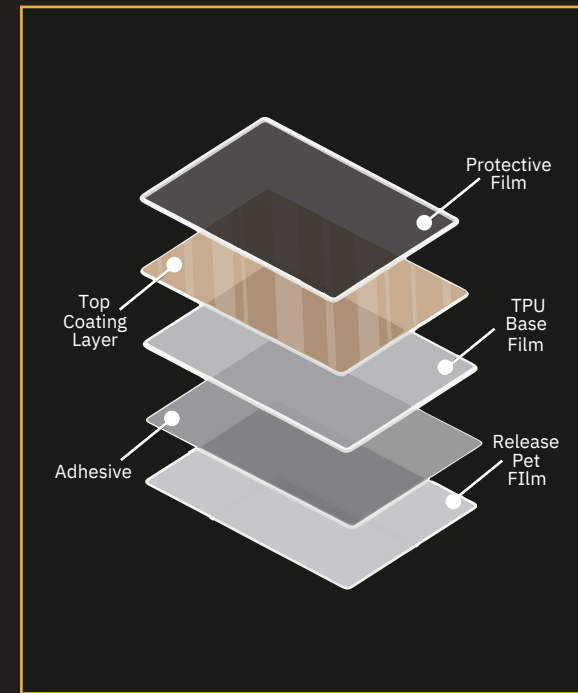
• UV Stable Beauty:

The color you choose is the color that stays, no fading, chalking, or discoloration.

• Protection Without Compromise:

Adds powerful surface protection without altering the vehicle's overall design or character.

TPU CASTED COLOR PPF SPECS:



| CHARACTERISTIC | HEAT SELF-HEALING |
|-------------------------|---------------------------------------|
| Characteristic | Heat self healing |
| Warranty | 5 Years |
| TPU base film | made by Germany BASF TPU resin |
| Adhesive | USA Ashland |
| Performance level | Premium |
| Size | 1.52x15M/ROLL or 1.52x18M/ROLL |
| Film thickness | 7.5mil(with glue) |
| TPU base film thickness | 150µm |
| Glue thickness | 25µm |
| Top coating | 15µm |
| Release liner | Matte |
| Durability | 5-8 years |
| Adhesive style | white/black, removable, Non yellowing |

TEST & RESULTS

| PROPERTES | NOMINAL VALUE | ASSESS METHOD |
|-----------------------------------|---|-------------------------------|
| Top Coat thickness | 15µm | ASTM D 347 |
| Base ATPU film thickness | 150µm | |
| Acrylic PSA average thickness | 25 µm | ASTM D 347 |
| Peel Adhesion average | 1395gf/inch@20min | GB/T 2792 |
| | 1975gf/inch@24h | |
| Gloss 60 degree | >93GU(gloss models) >30GU(stain or matte models) | ASTM D 2457 |
| Gravelometer | Pass-no penetration | GM 9508P-02 |
| Elongation@break | >320% | ASTM D 882 |
| Tensile strength | 21Mpa | GB/T 1040.1 |
| QUV weathering-2000 hours | No visual change | ASTM G154-16 Circulation 1 |
| Gasoline(60min exposure) | No visual change | |
| Soap/detergent(60 min submersion) | No visual change | |

| DESCRIPTION | THICKNESS | ROLL SIZE |
|-----------------------|-----------|-----------|
| Product Specification | 7.5mil | 60"*50' |
| | - | - |
| | - | - |

| 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 |

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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