

# *FlexiShield*

*Paint Protection Film*



## PRODUCT & COMPANY PORTFOLIO

January 2025

A brand of:



100% US manufactured.  
Developed and tested under the scorching Arizona sun.





## About FlexiShield

Established in Los Angeles, California, USA in 1997, **Reflek Technologies Corporation** is a world-class manufacturer and distributor of high-performance finishes and coatings for the construction and transportation industries. Our product portfolio is centered on integrated climatic technologies such as solar control window films, DC vacuum sputtering and specialized precision coatings, photovoltaics and flexible circuit applications.

**FlexiShield**, trademarked in 2014, is Reflek's brand of Paint Protection Films and Solar Control Window Films for automotive, marine, and architectural applications. All FlexiShield products are manufactured at our own state-of-the-art facility in Phoenix, Arizona, USA, produced out of US-made raw materials, thoroughly developed under strict lab conditions, and field-tested under the harsh Arizona sun.



Exceptional US-Sourced TPU PPF protection.



Well-balanced adhesive and material flexibility.



Over a decade of lab & field testing under the blazing Arizona sun.

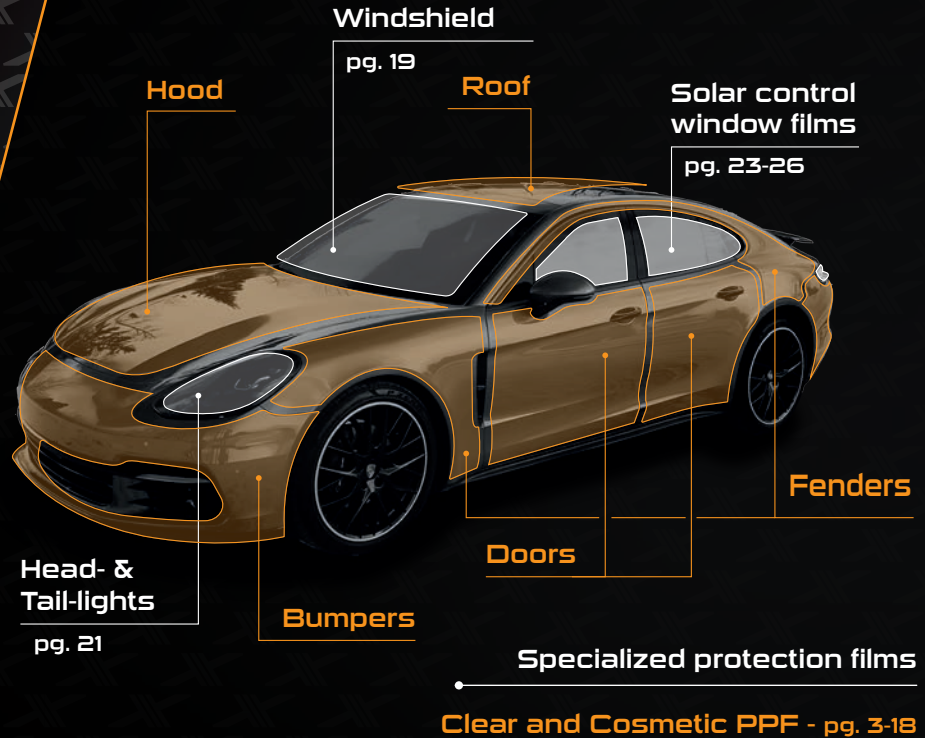


Original 100% TPU dry-apply color PPF technology.

## What is paint protection film?

Paint protection film (PPF) provides critical exterior protection from harsh weather, staining, and exposure to extreme road conditions. Its TPU material is exceptionally tough and durable, and possesses a "self-healing" property that allows it to return to its original shape if scratched or distressed.

Because of its superior technology and in-house manufacturing FlexiShield is the ultimate choice in PPF, and remains the established preference for the most demanding car owners and installers.



Specialized protection films

Clear and Cosmetic PPF - pg. 3-18

# 10

## FlexiShield's solution for off-road vehicles and supercars

The pinnacle of automotive defense: FlexiShield's 10.0mil (254 $\mu$ ) Paint Protection Film (PPF) is engineered to safeguard supercars and high-performance vehicles against the harshest road (and off-road) conditions, protecting your high-value investment while allowing you to drive it as it was meant to be driven.

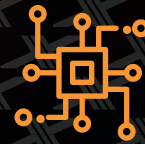
Beyond its protective prowess, this 10.0mil PPF maintains optical clarity, preserving the aesthetic appeal of your vehicle's paintwork. Its advanced self-healing properties effortlessly erase minor abrasions, ensuring a flawless surface at all times. With enhanced UV resistance, this film safeguards against yellowing, fading, and discoloration. Whether navigating city streets or conquering off-road trails, this armor-like film offers peace of mind to enthusiasts and professionals alike.



Flexible construction, adaptable to complex geometry despite its thickness.



Premium-grade TPU, invulnerable to yellowing, fading, and cracking.



Purpose-engineered, heavy-duty protection.



10.0mil (254 $\mu$ ) TPU  
Glossy reinforced  
12-year warranty

# DPH SPECIFICATIONS

Total Thickness	10.0 mil (254 $\mu$ )*	PCE Thickness Gauge
Top Coat	0.5 mil (13 $\mu$ )	
Polyurethane Film	8.5 mil (216 $\mu$ )*	
Adhesive	1.0 mil (25 $\mu$ )	

**UV Accelerating Test - 3000 Hours, 105°F - Pass**  
(Equivalent to 5 years)

TPU Haze (Clarity) $\Delta$	1.20 %	ASTM D1003-1 Original 0.8
Yellowing $\Delta$	< 1.20 %	ASTM D1925-70
Self Healing $\Delta$	Pass	Lab Testing
Cold Slam - Cracking or Peeling	Pass	TPJLR.52.055
Elongation (at break MD)	>325 %	ASTM 6775-13
Stain Resistance (Unleaded gasoline, Kerosene)	No cosmetic defects	Lab Testing
20° Gloss (stainless steel surface)	>96 GU	Gloss Meter 20°
Chip Resistance Gravelometer	No damage on paint	ASTM D3170

	449.0 N/m	41 oz/in	20 minutes at room temperature
Peel Adhesion	481.0 N/m	44 oz/in	24 hours at room temperature
180 Degree Peel	514.0 N/m	47 oz/in	1 week at room temperature
1.0 mil coating	689.0 N/m	63 oz/in	1 week at 160°F/70°C
Paint Surface	765.0 N/m	70 oz/in	1 week at 95°F/ 35°C, 95% RH

\* Thickness tolerance: Maximum +/- 8%. Data provided by TPU manufacturer.



# WSH Pro

## FlexiShield's top line clear Paint Protection Film

At 8.5mil (216 $\mu$ ) thickness, WSH Pro is one of the thickest PPF's on the market. Its hyper-glossy surface finishing will satisfy the wishes of the most demanding customers, while its well-balanced adhesive and precisely-engineered flexibility facilitates the perfect install each and every time.

FlexiShield Paint Protection products are self-healing and heat curable because of a flexible component in the thermoplastic polyurethane (TPU) film. WSH Pro is thicker than its standard counterpart, offering an industrious enhancement to the incredible protection you can already expect from FlexiShield's diverse product array.



Unparalleled top-coat gloss.



Perfectly-balanced adhesive and film flexibility.



Premium thickness and transparency.



8.5mil (216 $\mu$ ) TPU  
Hyper-glossy  
12-year warranty

# WSHpro SPECIFICATIONS

Total Thickness	8.5 mil (216 $\mu$ )*	PCE Thickness Gauge
Top Coat	0.5 mil (13 $\mu$ )	
Polyurethane Film	7.0 mil (178 $\mu$ )*	
Adhesive	1.0 mil (25 $\mu$ )	

## UV Accelerating Test - 3000 Hours, 105°F - Pass (Equivalent to 5 years)

TPU Haze (Clarity) $\Delta$	1.00 %	ASTM E1003-1 Original 0.8
Yellowing $\Delta$	< 0.80 %	ASTM D1925-70
Self Healing $\Delta$	Pass	Lab Testing
Cold Slam - Cracking or Peeling	Pass	TPJLR,52,055
Elongation (at break MD)	>360 %	ASTM 6775-13
Stain Resistance (Unleaded gasoline, Kerosene)	No cosmetic defects	Lab Testing
20° Gloss (stainless steel surface)	>96 GU	Gloss Meter 20°
Chip Resistance Gravelometer	No damage on paint	ASTM D3170

	449.0 N/m	41 oz/in	20 minutes at room temperature
Peel Adhesion	481.0 N/m	44 oz/in	24 hours at room temperature
180 Degree Peel	514.0 N/m	47 oz/in	1 week at room temperature
1.0 mil coating	689.0 N/m	63 oz/in	1 week at 160°F/70°C
Paint Surface	765.0 N/m	70 oz/in	1 week at 95°F/ 35°C, 95% RH

\* Thickness tolerance: Maximum +/- 8%. Data provided by TPU manufacturer.



# WSH

## Protect your valued assets with FlexiShield WSH

FlexiShield's 8,0mil (203 $\mu$ ) thick WSH PPF is engineered to provide all-around surface protection for high-value cars, yachts, architectural interiors, and many other personal and commercial assets. FlexiShield WSH has been formulated for optimum self-healing performance, durability, and versatility of installation.

With a decade of field testing under all weather conditions - from the scorching Arizona desert to the frozen fjords of Norway - FlexiShield WSH remains the go-to option for the most discerning PPF installers.



Well-balanced, all-around protection.



Optimum thickness and flexibility for the broadest versatility of installation.



Over one decade of field testing.



8.0mil (203 $\mu$ ) TPU  
High-glossy  
10-year warranty

# WSH SPECIFICATIONS

Total Thickness	8.0 mil (203 $\mu$ )*	PCE Thickness Gauge
Top Coat	0.5 mil (13 $\mu$ )	
Polyurethane Film	6.5 mil (165 $\mu$ )*	
Adhesive	1.0 mil (25 $\mu$ )	

## UV Accelerating Test - 3000 Hours, 105°F - Pass (Equivalent to 5 years)

TPU Haze (Clarity) $\Delta$	1.20 %	ASTM D1003-1 Original 0.8
Yellowing $\Delta$	< 1.20 %	ASTM D1925-70
Self Healing $\Delta$	Pass	Lab Testing
Cold Slam - Cracking or Peeling	Pass	TPJLR.52.055
Elongation (at break MD)	>350%	ASTM 6775-13
Stain Resistance (Unleaded gasoline, Kerosene)	No cosmetic defects	Lab Testing
20° Gloss (stainless steel surface)	>96 GU	Gloss Meter 20°
Chip Resistance Gravelometer	No damage on paint	ASTM D3170

	449.0 N/m	41 oz/in	20 minutes at room temperature
Peel Adhesion	481.0 N/m	44 oz/in	24 hours at room temperature
180 Degree Peel	514.0 N/m	47 oz/in	1 week at room temperature
1.0 mil coating	689.0 N/m	63 oz/in	1 week at 160°F/70°C
Paint Surface	765.0 N/m	70 oz/in	1 week at 95°F/ 35°C, 95% RH

\* Thickness tolerance: Maximum +/- 8%. Data provided by TPU manufacturer.



# MAT

## FlexiShield MAT's elegant satin look

FlexiShield's MAT PPF provides 8,0mil (203 $\mu$ ) of paint protection and an understated, muted look to a vehicle's finish. MAT film also enjoys the same self-healing top-coat and chemical properties as its glossy FlexiShield counterparts.

To self-heal, a combination of hard and soft co-polymers react to rebind and retain their surface finish. With FlexiShield MAT you can enjoy a smooth, satin overlay that highlight's your vehicle's geometry, and brings out a new quality to any painted or textured surface.



Deep satin look  
which enhances  
the car's lines.



Full TPU protection  
and self-healing.



Lab- and field-tested  
under the harshest  
conditions.



8.0mil (203 $\mu$ ) TPU  
Satin  
8-year warranty

# MAT SPECIFICATIONS

Total Thickness	8.0 mil (203 $\mu$ )*	PCE Thickness Gauge
Top Coat	0.5 mil (13 $\mu$ )	
Polyurethane Film	6.5 mil (165 $\mu$ )*	
Adhesive	1.0 mil (25 $\mu$ )	

## UV Accelerating Test - 3000 Hours, 105°F - Pass (Equivalent to 5 years)

TPU Haze (Clarity) $\Delta$	2.00 %	ASTM D1003-1 Original 0.8
Yellowing $\Delta$	< 2.40 %	ASTM D1925-70
Self Healing $\Delta$	Pass	Lab Testing
Cold Slam - Cracking or Peeling	Pass	TPJLR.52.055
Elongation (at break MD)	>350 %	ASTM 6775-13
Stain Resistance (Unleaded gasoline, Kerosene)	No cosmetic defects	Lab Testing
20° Gloss (stainless steel surface)	Satin	Gloss Meter 20°
Chip Resistance Gravelometer	No damage on paint	ASTM D3170

	449.0 N/m	41 oz/in	20 minutes at room temperature
Peel Adhesion	481.0 N/m	44 oz/in	24 hours at room temperature
180 Degree Peel	514.0 N/m	47 oz/in	1 week at room temperature
1.0 mil coating	689.0 N/m	63 oz/in	1 week at 160°F/70°C
Paint Surface	765.0 N/m	70 oz/in	1 week at 95°F/ 35°C, 95% RH

\* Thickness tolerance: Maximum +/- 8%. Data provided by TPU manufacturer.



# STH

## FlexiShield's mass-market PPF solution

Because premium protection doesn't need to come at a high price, FlexiShield's STH PPF is a 7.5mil (191 $\mu$ ) thick film engineered and tested for ease of installation and an optimum price-to-performance value on standard vehicles, vessels, and furniture.

With an 8-year warranty on automotive applications, FlexiShield STH will protect private and commercial vehicles throughout their entire expected service-life. It is invulnerable to yellowing, fading, and cracking, and will retain its self-healing properties and gloss in all weather and road conditions.



High-grade film at a competitive price.



Built with materials selected for their optimum price-to-performance value.



Great protection and gloss.



7.5mil (191 $\mu$ ) TPU  
Glossy  
8-year warranty

# STH SPECIFICATIONS

Total Thickness	7.5 mil (191 μ)*	PCE Thickness Gauge
Top Coat	0.5 mil (13 μ)	
Polyurethane Film	6.0 mil (153 μ)*	
Adhesive	1.0 mil (25 μ)	

## UV Accelerating Test - 3000 Hours, 105°F - Pass (Equivalent to 5 years)

TPU Haze (Clarity) Δ	1.60 %	ASTM D1003-1 Original 0.8
Yellowing Δ	< 1.80 %	ASTM D1925-70
Self Healing Δ	Pass	Lab Testing
Cold Slam - Cracking or Peeling	Pass	TPJLR.52.055
Elongation (at break MD)	>340 %	ASTM 6775-13
Stain Resistance (Unleaded gasoline, Kerosene)	No cosmetic defects	Lab Testing
20° Gloss (stainless steel surface)	>96 GU	Gloss Meter 20°
Chip Resistance Gravelometer	No damage on paint	ASTM D3170

	449.0 N/m	41 oz/in	20 minutes at room temperature
Peel Adhesion	481.0 N/m	44 oz/in	24 hours at room temperature
180 Degree Peel	514.0 N/m	47 oz/in	1 week at room temperature
1.0 mil coating	689.0 N/m	63 oz/in	1 week at 160°F/70°C
Paint Surface	765.0 N/m	70 oz/in	1 week at 95°F/ 35°C, 95% RH

\* Thickness tolerance: Maximum +/- 8%. Data provided by TPU manufacturer.



# BHP

## FlexiShield's Basic Hazard Protection

Because every vehicle deserves protection, FlexiShield has developed its new BHP PPF. Featuring FlexiShield's exceptional top-coat and adhesive, on a more commercial-level TPU base-layer than our STH, WSH, WSHPro, and DPH lines. FlexiShield BHP is our answer to provide excellent protection for all every-day cars, utility vehicles, and commercial fleets.

FlexiShield BHP is a 7.5mil (191 $\mu$ ) thick film which features a dense top-coat for a harder surface, and a better stain and damage resistance. This film can take a beating and still be restored with its built-in thermal self-healing properties.



**Engineered for heavy-duty, working vehicles, and commercial fleets.**



**Same top-coat and base-coat materials as our top lines.**



**Flexible and easy to install for an enhanced shop workflow.**



**7.5mil (191 $\mu$ ) TPU  
Imported Base TPU  
7-year warranty**

# BHP SPECIFICATIONS (GLOSSY & SATIN)

Total Thickness	7.8 mil (198 μ)*	PCE Thickness Gauge
Top Coat	0.5 mil (13 μ)	
Polyurethane Film	6.3 mil (160 μ)*	
Adhesive	1.0 mil (25 μ)	

## UV Accelerating Test - 3000 Hours, 105°F - Pass (Equivalent to 5 years)

TPU Haze (Clarity) Δ	1.60 %	ASTM D1003-1 Original 0.8
Yellowing Δ	< 2.20 %	ASTM D1925-70
Self Healing Δ	Pass	Lab Testing
Cold Slam - Cracking or Peeling	Pass	TPJLR.52.055
Elongation (at break MD)	>340 %	ASTM 6775-13
Stain Resistance (Unleaded gasoline, Kerosene)	No cosmetic defects	Lab Testing
20° Gloss (stainless steel surface)	>94 GU	Gloss Meter 20°
Chip Resistance Gravelometer	No damage on paint	ASTM D3170

	449.0 N/m	41 oz/in	20 minutes at room temperature
Peel Adhesion	481.0 N/m	44 oz/in	24 hours at room temperature
180 Degree Peel	514.0 N/m	47 oz/in	1 week at room temperature
1.0 mil coating	689.0 N/m	63 oz/in	1 week at 160°F/70°C
Paint Surface	765.0 N/m	70 oz/in	1 week at 95°F/ 35°C, 95% RH

\* Thickness tolerance: Maximum +/- 8%. Data provided by TPU manufacturer.



# COSMETIC

## FlexiShield - The state-of-the-art in Color PPF

FlexiShield's breakthrough in dry-apply, auto-paint-resin-integrating, full-TPU Cosmetic PPF technology has rendered it the global leader in color-changing PPF for the most demanding customers. Ranging from 7.5 to 8.5mil (191-216 $\mu$ ) thicknesses,

FlexiShield's Cosmetic PPF is currently available in nearly 100 unique and exclusive colors, both glossy and satin. From flat shades to high-metallic, pearlescent color-changing, and rainbow textures, there is a dream choice for everyone in FlexiShield's color catalogue.

7.5-8.5mil (191-216 $\mu$ ) TPU  
Glossy/Satin  
5-year warranty



## CL | Clear Coat



## HG | High Glitter



## DM | Color Flip



## TP | Texture Pattern



## SP | Special Styles



# COSMETIC

## FlexiShield - The state-of-the-art in Color PPF

FlexiShield Cosmetic Paint Protection products are made with 100% TPU, with an integrated welded layer of authentic auto-paint resin for the unmistakable color depth and shimmer of real car paint.

FlexiShield's Cosmetic PPF features the same premium TPU top-coat as our clear PPF's, and provides the same unparalleled protection, self-healing, and hydrophobicity as its clear counterparts.



Unique finishing  
and color depth.



Constantly  
expanding color  
& finishing range.



Full 100% TPU  
PPF protection.



Resistant to fading  
under all weather  
conditions.



7.5-8.5mil (191-216 $\mu$ ) TPU  
Glossy/Satin  
5-year warranty

# COSMETIC PPF SPECIFICATIONS

Color Category	CL	HG	DM	SP	TP	PCE Thickness Gauge
Total Thickness	7.5 mil (191 μ)*	8.0 mil (203 μ)*	8.5 mil (216 μ)*	8.0 mil (203 μ)*	8.5 mil (216 μ)*	
Top Coat	0.5 mil (13 μ)					
Polyurethane Film	5.5 mil (140 μ)*					
Adhesive	1.2 mil (30 μ)					

**UV Accelerating Test - 3000 Hours, 105°F - Pass**  
(Equivalent to 5 years)

TPU Haze (Clarity) Δ	1.0%	ASTM E1003-1 Original 0.8
Yellowing Δ	<0.8%	ASTM D1925-70
Self Healing Δ	Pass	Lab Testing
Cold Slam - Cracking or Peeling	Pass	TPJLR.52.055
Elongation (at break MD)	>340%	ASTM 6775-13
Stain Resistance (Unleaded gasoline, Kerosene)	No cosmetic defects	Lab Testing
20° Gloss (stainless steel surface)	>96 GU	Gloss Meter 20°
Chip Resistance Gravelometer	No damage on paint	ASTM D3170

	449.0 N/m	41 oz/in	20 minutes at room temperature
Peel Adhesion	481.0 N/m	44 oz/in	24 hours at room temperature
180 Degree Peel	514.0 N/m	47 oz/in	1 week at room temperature
1.0 mil coating	689.0 N/m	63 oz/in	1 week at 160°F/70°C
Paint Surface	765.0 N/m	70 oz/in	1 week at 95°F/ 35°C, 95% RH

\* Thickness tolerance: Maximum +/- 8%



# DFR Pro

## Protecting your windshield from the road

DFR Pro is FlexiShield's newly-released, 100% TPU windshield protection film. At 5.0mil (128 $\mu$ ) thickness, and produced with an extra-hard topcoat entirely free of orange peel, FlexiShield DFR Pro is the most optically transparent, hydrophobic, and easy-to-install windshield protection film on the market \*.

FlexiShield DFR is available in Optical and Regular transparency levels. Optical grade is recommended for high performance cars, while Regular grade will provide full protection and incredible transparency for all standard and commercial vehicles.

\* For best results, a PPF-dedicated ceramic coating must be applied to the film after installation, and thereafter every 6 months.



Exceptional transparency and surface finishing.



Easy installation in under 10 minutes.



100% optical-grade TPU.



5.0mil (128 $\mu$ ) TPU  
Optical  
12-month warranty

# DFR<sup>PRO</sup> SPECIFICATIONS

Total Thickness	5.0 mil (128 μ)	PCE Thickness Gauge
Top Coat	0.5 mil (13 μ)	
Polyurethane Film	4.0 mil (102 μ)	
Adhesive	0.5 mil (13 μ)	

**UV Accelerating Test - 3000 Hours, 105°F - Pass  
(Equivalent to 5 years)**

	DFR Pro	DFR Pro Lite	
TPU Haze (Clarity) Δ	0.8%	1.4%	ASTM E1003-1 Original 0.8
Yellowing Δ	<0.9%	<0.9%	ASTM D1925-70
Self Healing Δ	Pass	Pass	Lab Testing
Cold Slam - Cracking or Peeling	Pass	Pass	TPJLR.52.055
Elongation (at break MD)	>275%	>260%	ASTM 6775-13
Stain Resistance (Unleaded gasoline, Kerosene)	No cosmetic defects	No cosmetic defects	Lab Testing
Surface Hardness	6H	6H	ASTM D3363
Chip Resistance Gravelometer	No Penetration	No Penetration	ASTM D3170

	149.0 N/m	14 oz/in	20 minutes at room temperature
Peel Adhesion	160.0 N/m	15 oz/in	24 hours at room temperature
180 Degree Peel	171.0 N/m	16 oz/in	1 week at room temperature
1.0 mil coating	230.0 N/m	21 oz/in	1 week at 160°F/70°C
Paint Surface	255.0 N/m	23 oz/in	1 week at 95°F/ 35°C, 95% RH



# HDL

## Headlight performance meets luxury

FlexiShield's HDL headlight protection film provides a light, sporty shade to your head- and tail-lights, while minimally affecting their intensity, contrast, and color temperature. With a thickness of 6.5mil (165 $\mu$ ), and a 100% TPU composition, FlexiShield HDL protects your lights from impact and scratch marks, while also virtually eliminating fading and yellowing caused by solar or chemical exposure.

Available in 35% and 50% Visible Light Transmittance (VLT), and featuring a warm gray tone, FlexiShield HDL adds the perfect combination between racing performance and luxury, providing the final aesthetic touch to your car, while protecting your lights from the hazards of the road.



Minimum light  
interference



Perfect match  
between elegance  
and performance



Protection from  
impact, scratching,  
and fading



6.5mil (165 $\mu$ ) TPU  
Light-transmitting  
2-year warranty

# HDL SPECIFICATIONS

Total Thickness	6.5 mil (165 $\mu$ )	PCE Thickness Gauge
Top Coat	0.5 mil (13 $\mu$ )	
Polyurethane Film	5.0 mil (127 $\mu$ )	
Adhesive	1.0 mil (25 $\mu$ )	

## UV Accelerating Test - 120°F - Pass

TPU Haze (Clarity) $\Delta$ after 3,000 hours	1.6%	ASTM D1003-1 Original 0.8
Yellowing $\Delta$ after 1,200 hours	<1.2%	ASTM D1925-70
Self Healing $\Delta$ after 3,000 hours	Pass	Lab Testing
Cold Slam - Cracking or Peeling	Pass	TPJLR.52.055
Elongation (at break MD)	>340%	ASTM 6775-13
Stain Resistance (Unleaded gasoline, Kerosene)	No cosmetic defects	Lab Testing
20° Gloss (stainless steel surface)	>96 GU	Gloss Meter 20°
Chip Resistance Gravelometer	No damage on paint	ASTM D3170

	449.0 N/m	41 oz/in	20 minutes at room temperature
Peel Adhesion	481.0 N/m	44 oz/in	24 hours at room temperature
180 Degree Peel	514.0 N/m	47 oz/in	1 week at room temperature
1.0 mil coating	689.0 N/m	63 oz/in	1 week at 160°F/70°C
Paint Surface	765.0 N/m	70 oz/in	1 week at 95°F/ 35°C, 95% RH



# SOLAR CONTROL WINDOW FILMS

**FlexiShield's cutting-edge window films for all your solar control needs!**

Our premium collection features ceramic, metallic, hybrid, and dip dyed films to match every level of performance and budget. Whether it's your car, home, office, or yacht we've got you covered! Experience superior protection, improved energy efficiency, and a sleek look with FlexiShield. Elevate your comfort and style while keeping the sun's rays at bay.







1.5mil 2ply (FS 70 = 3.0mil)  
FS = VLT's 10 to 70 | GT = VLT's 05 to 80  
Life-time warranty








## FS series | Multilayer nano ceramic coating

Nano-ceramic coating to provide exceptional solar control, with perfect optical clarity and reduced glare.

-  Dye- and metal-free composite film invulnerable to color fading or shade changes.
-  Exceptional IR protection (88% to 96%) and 99% UV protection.
-  Non-metallic construction for a zero-interference protection layer which does not affect cell-phone, radio, and GPS signals.
-  Energy-efficient, blocking most of the solar heat from entering your vehicle. For a comfortable, safe, and energy-efficient driving experience.

## GT series | Carbon Ceramic

Keeps your interior cool and private while blocking heat.

-  Nano-carbon technology with a distinct carbon color and impressive performance.
-  Excellent IR protection (74% to 80%) and 99% UV rejection.
-  Invulnerable to color fading or shade changes due to its color-stable composition.
-  Non-metallic construction for a zero-interference protection layer which does not affect cell-phone, radio, and GPS signals.
-  Energy-saving and cost-effective, for a comfortable and safe driving experience.

# SOLAR CONTROL WINDOW FILMS



Life-time  
warranty.



Engineered  
application-specific  
performance.



Designed,  
manufactured, and  
tested under the  
scorching Arizona sun.







1.5mil 2ply  
CH = VLT's 05 to 80 | PR = VLT's 07 to 70  
Life-time warranty








## CH series | Sputtering Metal & Fade-free Colour-stable Dye

Keeps your interior cool and private while blocking heat.

-  Hybrid construction with one layer of dye and one layer of metallic-sputtered protection.
-  Total Solar Energy Rejection TSER (43% to 60%) and 99% UV protection.
-  Non-reflective dip-dyed look with the color-stability, solar control and extra-durability of metallic-sputtered protection.
-  Energy-saving and cost-effective, for a comfortable and safe driving experience.

## PR series | Non-fading Color Stable Dip Dyed

The perfect balance between performance and affordability.

-  Double-layered dip-dyed film for a longer service life and performance.
-  Total Solar Energy Rejection TSER (30% to 45%) and 99% UV protection.
-  Non-reflective appearance.
-  Non-metallic construction for a zero-interference protection layer which does not affect cell-phone, radio, and GPS signals.
-  Energy-saving and cost-effective, for a comfortable and safe driving experience.

# RAP 2.0

## Streamline your workflow with FlexiShield's free-access pre-cut software

FlexiShield's RAP 2.0 pre-cut software is provided free of charge to FlexiShield installers, based on a credit system of 25 credits (25m<sup>2</sup> cutting area) per standard PPF roll.

Over the years, RAP 2.0 has built a robust car database including American, European, and Asian models. New models are added daily, and can be prioritized on request. RAP 2.0 offers a number of advanced user functionalities such as part offsetting, emblem toggling, part labeling, and material optimization.



Free access for FlexiShield customers.



Large and expanding database of US, EU, and Asian cars.



Complete customization to meet specific installer requirements.

FlexiShield  
CREDIT BALANCE: -2000.00

Search car, car model, manufacture

AMERICA

EXTERIOR

718



Panamera



# XIX-3D ZenoX

## Help your customers decide with a stunning preview of their FlexiShield Cosmetic PPF project

FlexiShield has partnered up with XIX 3D to carry a fully updated catalogue of the nearly 100 FlexiShield Cosmetic PPF colors on their ZenoX platform. For a small monthly subscription fee this will allow you to show your customers live still and animated renderings of various color combinations, under different light conditions, and against realistic background environments.

Cosmetic PPF protection is an important investment, and a long-term style decision for your customers. It shouldn't be left entirely to their imagination. Help them decide, and support your sales process, with ZenoX & FlexiShield!



Help your customers visualize their projects.



Real-time rendering with thousands of customization options.



Thousands of high-resolution car models and dozens of environments.



# INSTALLATION & MARKETING TOOLS

## Stand out from the crowd!

FlexiShield's comprehensive suite of tools, marketing material, and shop equipment revolutionizes paint protection film installation. With precision-cut templates and specialized application tools, achieving flawless installations becomes effortless.

Our marketing materials showcase the durability and clarity of FlexiShield's film, bolstering customer confidence. From precision knives to custom-designed workstations, we empower professionals to deliver an unparalleled customer experience.

FlexiShield's commitment to innovation sets the industry standard, equipping installers with the tools they need to exceed expectations and protect vehicles with confidence.

M001



### Men's Polo Shirt

Represent FlexiShield with style and class in this black polo with subtle stripes and accents.

Black, polyester, jitted sleeves, available in men's sizes.

M002



### Women's V-Neck Shirt

Wear FlexiShield casually, around installing, or anywhere else.

Black, polyester, available in women's sizes.

M004



### Work Jacket

Time to get to work! This jacket is perfect for anything, but especially for comfort and protection while on the job.

Yellow & black, cotton, available in men's sizes.

M005



### PRO 1/4 Zip

Keep warm, be comfortable, look stylish and promote FlexiShield PPF in this 1/4 zip pullover.

Black, cotton, available in men's sizes.





Application and detailing tools for the full FlexiShield product range.



Marketing and promotional material. Shop and event decorations and visuals.



Apparel for staff and customers.



# AFTERCARE

## 7 days after installation:

- Do not wash your car.
- Do not use towels to wipe the film, particularly avoid wiping along the edges of the film.
- Do not use high-pressure water sprayers to rinse the film.

## Within 3 days after installation:

- Do not drive over 50 MPH or 80 km/h.

## After-care instructions:

It is normal if there is some residual water under the film after installation. Within 15-30 days the water will have evaporated. Parking your car under direct sunlight will help accelerate the drying process.

After installing FlexiShield PPF, avoid using strong acids or alkalies to clean the PPF. Failure to do so could reduce gloss over time.

FlexiShield has self-healing and water-repelling properties. However, this does not ensure that the film will not be damaged under extreme conditions. Bird droppings and dead bugs on the film should be washed within 72 hours to avoid any residual penetration into the film.

If you find film edge lifting or water/air bubbling, contact the installation shop for professional advice. Do not cut or peel the film yourself.

Avoid using low quality, microfiber cloths that could leak color and stain PPF film.



# WARRANTY

## Limited Warranty and Limited Remedy:

Reflek Technologies Corporation's extensive warranty certifies FlexiShield paint protection film and window film lines to be free of any manufacturing and workmanship defects for the periods described below, and from the date of installation on painted automotive surfaces. This warranty covers only those defects which can be attributed to the manufacturing process of the film such as fading, color change, cracking, bubbling, or delamination.

- FlexiShield DPH & WSH-Pro: Twelve (12) years.
- FlexiShield WSH: Ten (10) years.
- FlexiShield MAT & STH: Eight (8) years.
- FlexiShield BHP: Seven (7) years.
- FlexiShield Cosmetic PPF: Five (5) years.
- FlexiShield HDL: Thirty-six (36) months.
- FlexiShield DFR Pro: Twelve (12) months.
- FlexiShield Window Films: Life-time.

This warranty does not cover FlexiShield products installed on vehicles used for commercial or professional activities, including but not limited to racing cars, courier fleets, rentals, houseboats, or yachts.

## Marine applications:

Due to the additional wear and deterioration caused by fresh and salt water on maritime applications FlexiShield's manufacturer warranty for **above the waterline** and (marine) interiors use is five (5) years for DPH, WSH and WSH Pro, and three (3) years for STH, MAT, and Cosmetic PPF.

For full warranty information and conditions please visit:  
[www.FlexiShieldUSA.com](http://www.FlexiShieldUSA.com) or [www.FlexiShieldEU.com](http://www.FlexiShieldEU.com)





Beau Moore

Global Head of Training

Beau is owner and head installer of BeauMoto. He has worked with many of Arizona's local shops, helping to grow the industry for over 20 years and installing since the age of 14. Beau has a passion for automotive detail and has helped shops all over the United States reach their goals. More recently, Beau began traveling the world to share his experience of FlexiShield with others.

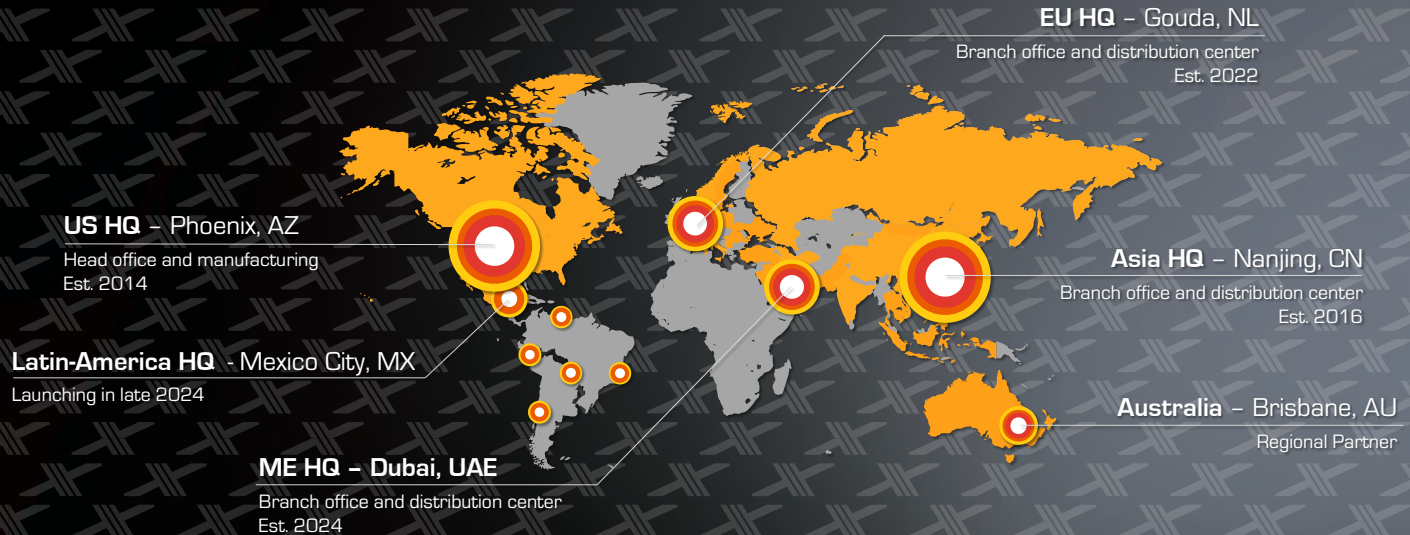
## FlexiShield University – 7 Locations:

- Chandler, AZ & Atlanta, GA, United States
- Nanjing, JS, China
- Zevenbergen, Netherlands
- Brisbane, Australia
- Mexico City, Mexico
- Dubai, United Arab Emirates (coming soon).
- Periodic training courses for beginners and professional installers.
- Certified FlexiShield installer accreditation linked to product warranty for a premium global brand quality recognition.



# CERTIFICATION AND TECHNICAL SUPPORT

# GLOBAL FACTORY-DIRECT WAREHOUSE NETWORK



## FlexiShield's streamlined distribution network

- Factory-direct sales and customer support to over 40 countries.
- Solid partnerships with over 60 major local distributors in other regions.

## QUALITY CONTROL

ISO-9001 Certification.  
100% US-Sourced raw materials & manufacturing.  
Fully in-house R&D, testing, and manufacturing.

## CUSTOMER SERVICE

Dedicated, full-time, support staff for all departments:  
Production | Marketing | Software | Sales | Logistics | Support



## RESEARCH & DEVELOPMENT

State of the art facility with advanced testing systems.

## MARKETING EVENTS

Contests | Dealer Conferences | Charity Events |  
Trade Shows | Sponsorships | Races

# BUSINESS FOUNDATIONS

# EXECUTIVE TEAM

## USA HQ



Eric Xie

### VP of Sales & Technology USA HQ

Eric manages Reflek Technologies' global sales and technologies divisions since 2018. He also works on product development at Reflek's R&D lab in Phoenix, USA, since 2012.



Aaron Miller

### International Sales Director USA HQ

Aaron has over 20 years of experience in the automotive industry and dealership finance. Since 2017 he leads FlexiShield's international corporate channel sales department.



David Richie

### US Sales Director USA HQ

David has led FlexiShield's domestic US & Canada sales department since 2018. During this time domestic sales have expanded by 465%.



Tim Wu

### General Manager Asia Pacific D.O.

Tim Wu has over a decade of experience in the automotive film industry. Since 2022, he has been in charge of Reflek Technologies' business in China and the Asia Pacific region.



Juan Azcárate

## Overseas Distribution Offices

### Managing Director Global D.O.'s Europe, Middle East, & Latin America

Juan has 15 years of business development experience in the automotive and real estate sectors in Europe, the US, the Middle East, and Latin-America. He has been with Reflek since 2010.



Eyad Alrass

## Middle East D.O.

### Sales Director Middle East D.O.

Eyad has three decades of business development and sales experience in the car care, wholesale B2C distribution, and Renewable Energy, Infra and Sustainability Projects in more than a dozen countries in the GCC and the Middle East.

# *FlexiShield*

*Paint Protection Film*

A brand of:



## COVERAGE YOU CAN COUNT ON!

**FlexiShield USA**  
HQ & Manufacturing

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