

For Luxury, Classic, EV and RV

Reduce the high cost of windshield replacement that can easily extend beyond \$10,000.

For All New Cars

With now mandatory ADAS (automatic emergency braking, adaptive cruise control, others) for all vehicles, windshield replacement on everyday vehicles can quickly surpass \$1,500.*

For Commercial Fleets

Protects against windshield damage, the leading cause of fleet downtime. Keeps revenue generating vehicles on the road and lowers operational costs.

ClearPlex is certified for interior and exterior surfaces to European rail coach standard EN 45545.

FAQs

Who Should Use ClearPlex?

All vehicles produced in or after 2023 are required to be equipped with ADAS (Advanced Driver Assistance Systems) windshield technology. The average replacement cost of an ADAS equipped windshield is \$1500.* ClearPlex can be installed at a fraction of the cost of a windshield replacement. ClearPlex film is also perfect for luxury cars, classic cars, super cars, and fleet vehicles such as buses, delivery trucks/vans, and rental cars. ClearPlex reduces downtime and helps keep revenue-generating vehicles on the road. ClearPlex is also an excellent product for recreational and off-road vehicles.

How Does ClearPlex Windshield Film And Installation Compare To Automotive Window Film?

ClearPlex film and automotive window film are both polyester-based films which require heat molding to be properly installed. An experienced auto tint installer can expect to take the same amount of time installing ClearPlex as installing window tint. ClearPlex Contour uses a wet shrink technique, where you can dry or wet shrink ClearPlex NC. Please note, due to the thickness of the film, ClearPlex requires higher heat gun temperature.

Will ClearPlex Impair The Driver's Vision?

No, when installed properly, ClearPlex is optically clear and will not impair or affect the driver's vision and their ability to safely operate the vehicle.

Will ClearPlex Remain Adhered To The Windshield?

ClearPlex is strong enough to withstand speeds reached by professional racing vehicles.

What's The Best Way To Maintain ClearPlex Film?

Installers should reference the "ClearPlex Care Guide" for full maintenance/aftercare instructions. When washing the windshield, the preferred method is either hand washing or use of a touchless car wash. Avoid use of a high-pressure sprayer directly on the surface of the film and do not use abrasive or caustic/solvent-based cleaning/maintenance agents. Madico's Endurance Car Care™ product line is the only purpose-built car care line for use with ClearPlex. Contact your local Madico rep to confirm if your cleaning/maintenance products are compatible with ClearPlex. Use of windshield wipers is okay but avoid using when dry and/or dirty. Application of an automotive protective product such as Endurance by Madico TruCeramic™ is an essential part of the ClearPlex maintenance program. When used as directed, TruCeramic coating will maintain the scratch resistance and water repellency of the ClearPlex film. TruCeramic Coating also seals the ClearPlex film against bird droppings, bugs, oil, tar, grease, dirt and grime. If applying TruCeramic, the installer should apply an initial amount at the time the film is installed on the windshield.

Is ClearPlex Permanent?

ClearPlex is a sacrificial layer used to protect the windshield and should be replaced every 12-24 months. ClearPlex uses a unique adhesive that keeps the film adhered tightly to the windshield but is not permanent. The longevity of ClearPlex on a specific vehicle is directly related to the following factors: 1) UV exposure; 2) usage rate (e.g. miles/KM driven per year); 3) conditions the vehicle operates in; 4) adherence to proper care instructions; 5) end user's tolerance threshold for wear-and-tear.

How Is ClearPlex Removed Or Replaced?

The film can be removed by using a hard plastic or stainless-steel object (i.e. edge of a plastic credit card or stainless-steel blade) by simply lifting the film on one edge and then pulling, using slow and consistent pressure. Any adhesive remaining on the windshield can be removed with a plastic or stainless-steel scraper and/or non-caustic cleaner designed to remove adhesive. New ClearPlex film can then be installed on the clean windshield.

*Average replacement cost of an ADAS equipped windshield according to a 2018 study by AAA (American Automobile Association) and does not include related body work or recalibration of ADAS systems.



Contact us to learn how ClearPlex windshield protection film can be a profitable addition to your line of products.

Ask us about our total vehicle protection solutions - ClearPlex windshield protection film, Protekt® paint protection and our wide array of window film product options.

© 2026 Madico, Inc. M956456 10/26

MADICO®

U.S. 888.887.2022 • International +1 727.327.2544 • contact@madico.com • clearplex.com

ClearPlex®
BY MADICO



Worlds First and Best Performing Windshield Protection Film

ClearPlex® by Madico is the original and best windshield protection film - engineered to protect glass from rocks, road debris and everyday hazards while maintaining best-in-class optical clarity.

Two ClearPlex Films. One Clear Advantage.

CLEARPLEX CONTOUR

Next generation ClearPlex developed with quick shrink technology for easy installs without sacrificing protection properties.

CLEARPLEX NANO-CERAMIC

ClearPlex NC adds nano-ceramic solar control to the ClearPlex you already trust, combining physical protection + **90% IR and 45% heat rejection** in one advanced film.

Both ClearPlex Contour and ClearPlex NC deliver 99% UV protection to help reduce interior fading and maintain the look of the vehicle.

Built with a durable 4 mil PET construction and patented scratch-resistant coating, ClearPlex is designed for lasting optical clarity without yellowing, bubbling, cracking or peeling.

Features and Benefits

- Superior Impact Protection
- Patented Scratch-Resistance
- Exceptional Optical Clarity
- Unmatched Longevity
- Rejects over 99% of UV Rays
- Compatible with ADAS Systems
- 4-mil PET Film
- Fast Installation
- Perfect for all consumer and commercial vehicles
- Available up to 72" wide for Teslas, Sprinter vans, RVs, and emergency vehicles

Best in Class

MADICO®

The Clear Choice for Windshield Protection

Features and Benefits

Superior Impact Resistance

- Absorbs the impact from everyday road debris, reducing the occurrence of rock chips, pitting and bulls' eyes, keeping the glass in pristine condition
- Keeps windshields intact during a potential break-in or accident, increasing protection to vehicle occupants and belongings

Patented Scratch-Resistant Coating

- With 3 active utility patents, ClearPlex has industry-leading abrasion and stain resistance
- Longer lasting - ClearPlex stands up to everyday wear and abrasions, like windshield wipers significantly better than TPU films

Optically Clear, Invisible Windshield Protection

- Seamlessly integrating with a car's windshield, ClearPlex has the best clarity on the market
- Rain and snow runs off easily, resulting in better visibility when using ClearPlex

Protects Against Harmful UV Rays

- Protects interiors from fading
- Guards passengers against 99.9% of the sun's harmful UV rays

Maintains Vehicle Value

- Safeguards original windshield, preserving OEM look and value
- Maintains structural integrity of OEM windshields

Avoids Expensive ADAS Repair Costs

- Prevents expensive repair and recalibration costs associated with ADAS-equipped windshields
- Average replacement cost of a ADAS equipped windshield is \$1500*
- Repair costs can be up to 3 times the cost of installing ClearPlex windshield protection film

Robust Manufacturers Warranty

- Guaranteed not to peel, bubble, crack or yellow

Performance and Testing

	Performance Measurements	ClearPlex	ClearPlex NC
Visible Light	Transmitted	89%	75%
	Reflected Exterior	10%	8%
	Reflected Interior	9%	8%
Total Solar Energy	Transmitted	81%	37%
	Reflected	9%	6%
	Absorbed	10%	58%
Other Properties	Shading Coefficient	.97	0.63
	Solar Heat Gain Coefficient	.84	0.55
	Ultraviolet Rejection	>99%	>99%
	Infrared Rejection**	23%	90%
	Infrared Energy Rejection	18%	62%
	Total Solar Energy Rejection	16%	45%

**Solar performance measurements are read in accordance with National Fenestration Rating Council (NFRC) standards on 6mm clear glass (exterior application).

Physical Properties	ClearPlex	ClearPlex NC
Film Thickness	0.0045"	
Structural Component	0.004"	
Base Film Type	Polyester	
Adhesive Type	Acrylic Pressure Sensitive	
Tensile Strength	32,000 PSI Avg MD/TD [‡]	
Break Strength	100 Pounds Per Inch (width)	
Peel Strength	3.5 to 4.5 Pounds Per Inch	
Abrasion Resistance	< 1.5% Delta Haze	

[‡] Machine/Transverse Direction

* Average replacement cost of an ADAS equipped windshield according to a 2018 study by AAA (American Automobile Association) and does not include related body work or recalibration of ADAS systems.

ADAS Disclaimer:
Please be sure to follow ClearPlex NC ADAS Installation Disclaimer which details how to install ClearPlex NC on ADAS equipped windshields.

Superior Impact Resistance

3rd party testing data rates ClearPlex NC to protect against impacts from up to a 1.5oz projectile traveling 122 mph.

Tensile Strength 32,000 PSI average, MD/TD* Test Method: ASTM D-882	Peel Strength 3.5–4.5 Pounds Per Inch Test Method: ASTM D-3330
Film Thickness 4 mil	Break Strength 100 Pounds Per Inch (Width) Test Method: ASTM D-882

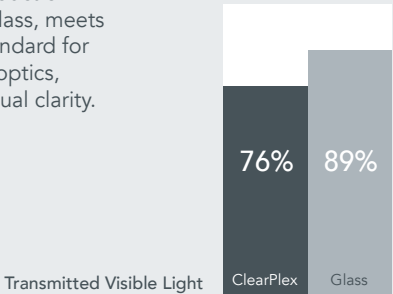
Patented Scratch-Resistant Coating

Industry-leading abrasion and stain resistance that outperforms the competition. Built to withstand abrasion and wear from wipers and regular maintenance.

Abrasion Resistance < 1.5% Delta Haze Test Method: ASTM D-1044	Taber Abrasion Comparison ClearPlex vs. Competitors	
	Film Tested	Delta Haze
	ClearPlex NC	0.96
	Comp. TPU WPF	2.43
	Comp. PET WPF #1	2.67
	Comp. PET WPF #2	2.77

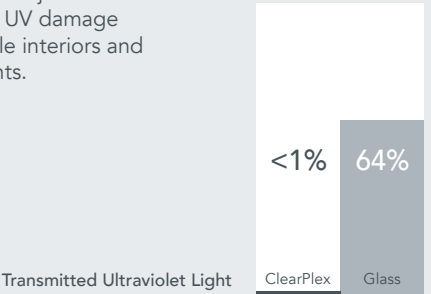
Optically Clear

Closest product on market to glass, meets US DOT standard for windshield optics, ensuring visual clarity.

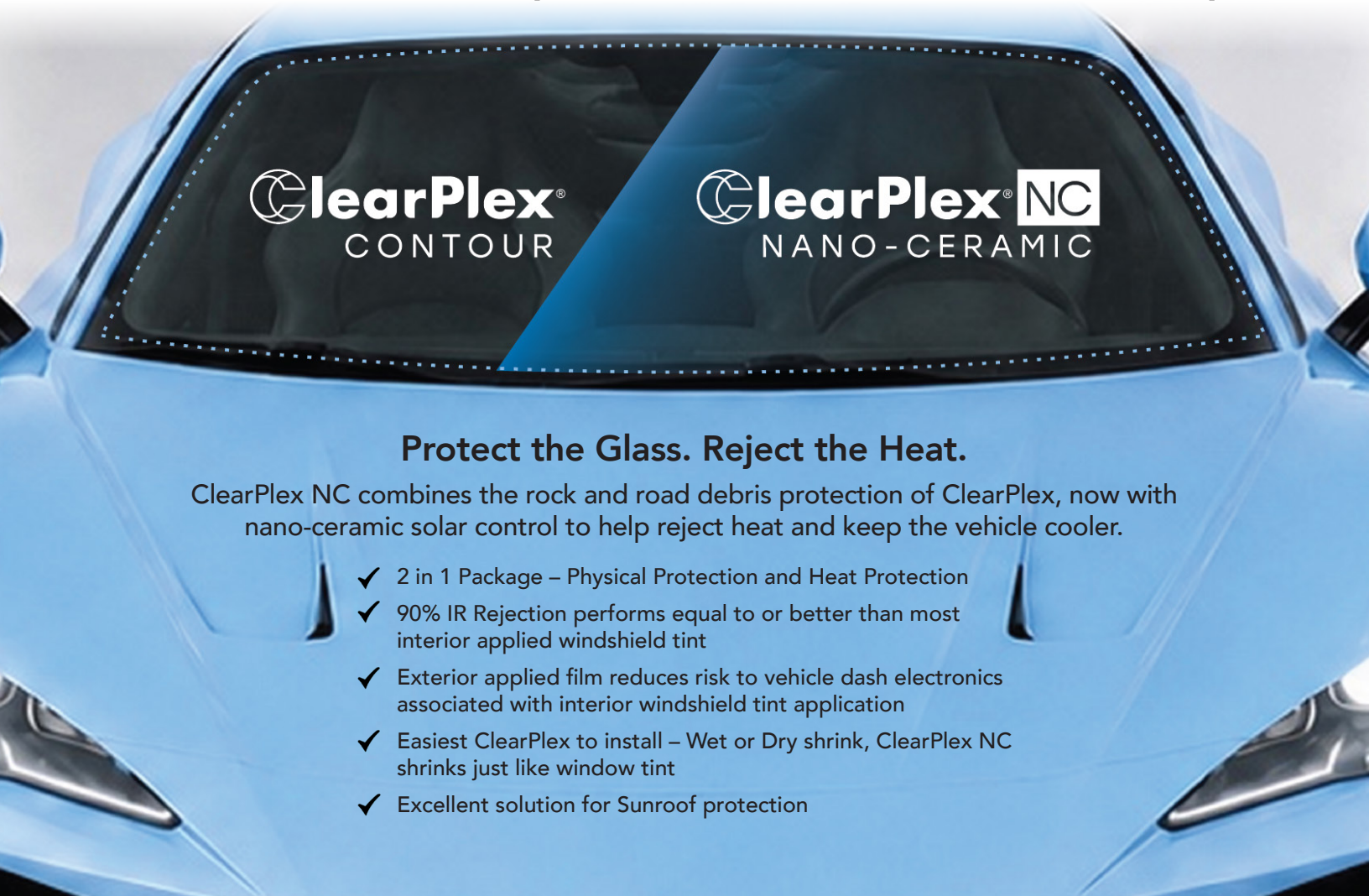


Ultraviolet Protection

>99% UV rejection reduces UV damage to vehicle interiors and occupants.



Two Films. One Complete Windshield Protection Lineup.



Protect the Glass. Reject the Heat.

ClearPlex NC combines the rock and road debris protection of ClearPlex, now with nano-ceramic solar control to help reject heat and keep the vehicle cooler.

- ✓ 2 in 1 Package – Physical Protection and Heat Protection
- ✓ 90% IR Rejection performs equal to or better than most interior applied windshield tint
- ✓ Exterior applied film reduces risk to vehicle dash electronics associated with interior windshield tint application
- ✓ Easiest ClearPlex to install – Wet or Dry shrink, ClearPlex NC shrinks just like window tint
- ✓ Excellent solution for Sunroof protection



- Inventor and U.S. patent-holder of WPF
- Most trusted WPF worldwide
- Available in 36", 48", 60" and 72"
- Manufactured in America