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uniondelta.ae

-  **DELTASKIN**[®] | PAINT PROTECTION FILM
-  **DELTAFILM**[®] | WINDOW FILM
-  **DELTAPLEX**[®] | WINDSHIELD FILM
-  **DELTATOOL**[®] | SPECIAL EQUIPMENT

November 2024

... #UNIONDELTA

The mission of UNIONDELTA® is to be the leader in the world of professional protective films. This inspires the UNIONDELTA® team to continuously develop and implement new technologies that increase the efficiency and performance of the products.

The research and development department collaborates with renowned detailing centers to fine-tune the most significant options and characteristics of each product, obtaining exceptional quality that surpasses the expectations of any consumer.

UNIONDELTA® employs the latest technologies in quality control during the production of all sorts of antigraffiti, tinting, and protective coatings. This has made it possible to perfect the performance of each product, ensuring ease of installation and use.

Broad range of protective films allows you to choose one that perfectly suits your needs. Should you not find a suitable product in the UNIONDELTA® range, please, contact us, we will find a solution tailored specifically for you.

UNIONDELTA® cares your safety, therefore film coatings hold protective properties against harmful UV light.

Supported by prime raw materials, all products obtain exceptional quality and world class performance. UNIONDELTA® products comply with international quality standards and are highly appreciated in leading detailing centers.

Every single batch of protective films subjected to strict quality control before sale.

All UNIONDELTA® products are backed by a set of DELTAWARRANTY support, you can therefore be sure of integral protection and quality assistance of the product throughout its entire service life.

Purchasing DELTASKIN®, DELTAFILM®, DELTAPLEX® and DELTATOOL®, you are investing in Reliability, Comfort, and Safety.



EASY INSTALLATION The features and solutions implemented in the product enable experts to carry out swift and easy installation.



AUTORECOVERY A unique property of the product ensures automatic surface self-healing from minor scratches even at room temperature.



SELF-HEALING A property of the product ensures automatic surface self-healing from minor scratches on the surface when heated above 60 °C.



EXTRAPROFIT One of the best price to quality ratio, where all the features and protective properties of the product are at a consistently high level.



UV PROTECTION The components in the product block sunlight in the ultraviolet range, hindering the aging of the car interior and harmful effects of UV radiation on passengers.



SCRATCH RESISTANT Increased resistance to surface abrasion from windscreen wipers and external impacts.



HIGH GLOSS Deep gloss effect is achieved due to physicochemical properties of components used to create the product.



HYDROPHOBIC The hydrophobic effect provides surface self-cleaning at a speed of above 60 km/h and reduces the negative effects of aggressive environment and chemicals.



ULTRAHYDROPHOBIC The ultrahydrophobic effect provides surface self-cleaning at a speed of above 40 km/h, reducing the negative effects of aggressive environment and chemicals on the surface to the greatest possible extent.



ANTI-GRAVEL Surface protection from mechanical damages every day.



METALIZED FILM The metalized structure of the film reflects more sunlight and effectively protects the film from fading.



LOW COST A balanced product with unique protective characteristics at an affordable cost.



LAW-ABIDING Light transmission of more than 70% makes the films complying with the technical regulations of the most countries of the world.



OPTICAL CLARITY High-performance components in the material structure ensure maximum transparency of the product.



Implementing advanced technologies to create high grade products in the protective film market.



GLARE REDUCTION The product improves the safety and comfort of driving by reducing sun glare.



IR REJECTION The components in the product trap sunlight in the infrared range, reducing the thermal load on the car interior.



PRIVACY Window window films ensure privacy by hiding passengers and the interior from prying eyes.



Films are based on 100 % thermoplastic polyurethane, designed with onward technologies.



Hybrid material with transparent TOP COAT layer, combining the advantages of both polyurethane and PVC films.

*All technical values given here above refer to the film before installation, are not absolute precise values and may differ from the specified parameters. All the provided specs are intended to be a measure of product comparison and should not be used in contracts, agreements, specifications or any other legal case.

The consumer is solely responsible for evaluating a particular product and determining whether it is fit for a particular purpose and suitable for chosen method and surface of application.

** Warranty is void if any terms of use, storage, installation, handling or maintenance are violated. Warranty does not cover the case of damage, performance, and appearance shift arising out of protective product purpose caused under normal operating conditions, which should be studied by the user alongside other possible effects before purchase. Warranty terms and conditions are subject to change, please visit www.uniondelta.ae for up-to-date information.

*** This function is effective at room temperature.

#PPF

#MOLECKULA®



HIGHEST GRADE OF PROTECTION AGAINST:

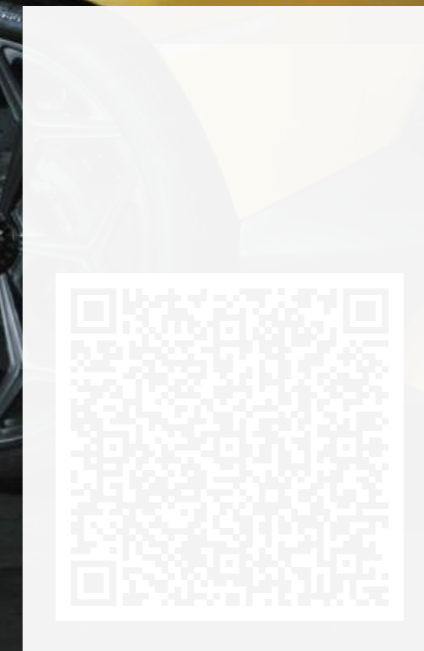
- Road debris and sandblast
- Harmful car wash
- Road chemicals and vehicle fluids
- Tree buds and sap
- Bug splatters
- Rock chips, scuffs and scratches
- Bird droppings

DELTASKIN® MOLECKULA® / MOLECKULA® ARMOR CLEAR PPF TOP TPU is a fully transparent polyurethane-based film with a unique top coating that protects your vehicle surfaces from all kinds of everyday damages, maintains its flawless look and increases resale value.

Signature Features:

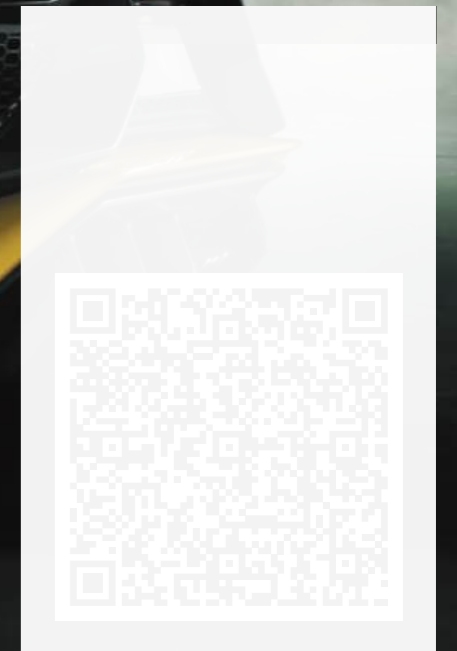
- Automatic self-healing TOP COAT***
- Advanced chemical resistance
- Frost tolerance
- Heat resistance
- ULTRAHYDROPHOBIC MOLECKULA®
- Stain resistance
- Remarkable transparency
- Durability
- Deep gloss
- Paint color saturation
- Even texture & mirror smooth finish
- Heavy-duty endurance
- Easy surface maintenance
- DELTAWARRANTY covered**

*See page 1
**See page 1
***See page 1



**MOLECKULA® PPF
UNIQUE SURFACE**

Unique tech-rated self-healing TOP COAT MOLECKULA® Automatic Recovery obtains deep gloss and flawless finish of bodywork through the entire lifespan of a product. The total film thickness is 200 µm*



**MOLECKULA® ARMOR PPF
ADVANCED PROTECTION**

Increased material thickness up to 220 µm* and the unique tech-rated self-healing TOP COAT MOLECKULA® Automatic Recovery provide improved protection against mechanical impacts and maintain maximum gloss and surface integrity.

No. ONE

PROTECTION
Qualified by PPF experts



PPF TPU
Designed in USA

EASY INSTALLATION



HIGH GLOSS



AUTORECOVERY



ULTRAHYDROPHOBIC



PPF TPU



THE PRIME

DELTASKIN® PRIME CLEAR PPF TOP TPU is a transparent protective film with a deep gloss surface. The film has a premium polyurethane-based structure made in the USA, which has a high level of shock-absorbing properties, to fully protect the car surface from external impacts.

Signature Features:

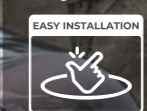
- Exceptional appearance
- Wet car effect
- Total thickness of 200 µm*
- Heat healing
- Chemical resistance
- Advanced water repellency
- Remarkable transparency
- Durability
- High gloss
- Paint color saturation
- Even texture & mirror smooth finish
- Eminent durability
- Frost tolerance
- Heat resistance
- Easy surface maintenance
- Stain resistance
- DELTAWARRANTY covered**



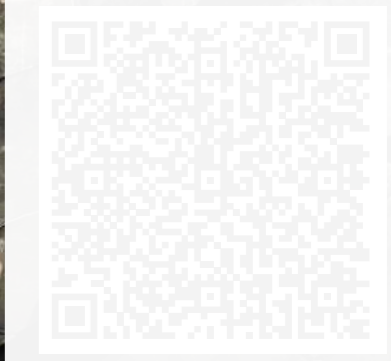
No. ONE
PROTECTION
Qualified by PPF experts



PPF TPU
Designed in USA



PPF TPU
10 years
WARRANTY



PRIME PPF

**NO COMPROMISE.
NO COMPETITORS.**

Premium highly elastic polyurethane. Rigid top coat and perfect balance of adhesion ensure easy installation and removal. Combines the best qualities of DELTASKIN® products.

*See page 1
**See page 1

#UNLIMITED

DELTASKIN® UNLIM 190 CLEAR PPF TOP TPU is a transparent protective film made of high-quality thermoplastic polyurethane to protect the car surface from mechanical and chemical damage.

Signature Features:

- The best PPF by price/performance ratio
- Total thickness of 200 µm*
- Heat healing
- Advanced chemical resistance
- Frost tolerance
- Heat resistance
- Advanced water repellency
- Remarkable transparency
- Durability
- Deep gloss
- Paint color saturation
- Even texture & mirror smooth finish
- Heavy-duty endurance
- Easy surface maintenance
- DELTAWARRANTY covered**

*See page 1
**See page 1

No. ONE

PROTECTION
Qualified by PPF experts



PPF TPU

Designed in Japan

EASY INSTALLATION



SELF-HEALING



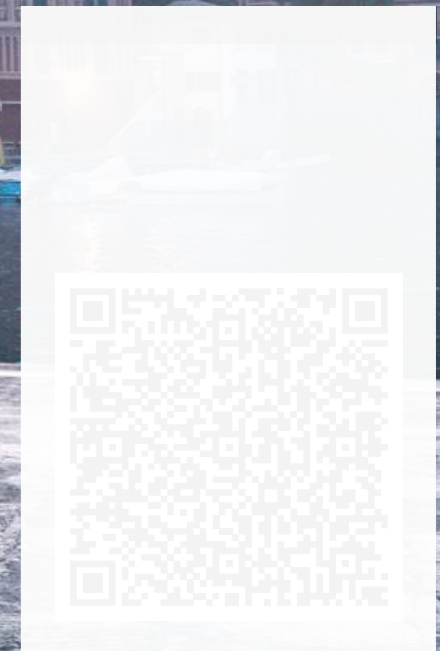
HYDROPHOBIC



EXTRAPROFIT



PPF TPU



UNLIM 190 PPF

BENCHMARK FOR QUALITY AND DURABILITY

The high gloss polyurethane film provides a remarkable level of protection against mechanical and chemical damage. The TPU base significantly extends the operating temperature range, making it possible to maintain performance even in extreme conditions.

#STYLO

DELTASKIN® S-TYPE CLEAR PPF TOP TPU is a transparent polyurethane-based protective film with a hard TOP COAT layer. Despite its low cost, the S-TYPE series has all the necessary features and properties that provide reliable protection and an excellent appearance throughout the service life of the film.

Signature Features:

- Reasonable price
- Total thickness of 170 µm*
- Heat healing
- Advanced chemical resistance
- Heat resistance
- Frost tolerance
- Advanced water repellency
- Remarkable transparency
- Deep gloss
- Even texture & mirror smooth finish
- Paint color saturation
- Stain resistance
- High stretch
- DELTAWARRANTY covered**

*See page 1
**See page 1

DELTASKIN No. ONE

PROTECTION
Qualified by PPF experts



PPF TPU

EASY INSTALLATION



SELF-HEALING



HYDROPHOBIC

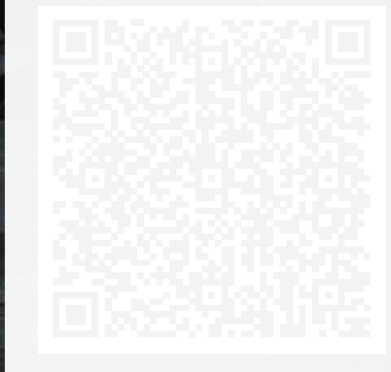


LOW COST



PPF TPU

3 years WARRANTY



S-TYPE CLEAR PPF

UNMATCHED RELIABILITY

Polyurethane protective film that provides all the required basic performance you expect of high-rated products at a more favorable price.

#CLEARMATTE



DELTASKIN® CLEAR MATTE PPF TOP TPU is a matte translucent thermoplastic polyurethane-based protective film that secure matte and glossy paintwork surfaces from mechanical and chemical damage.

Signature Features:

- Matte finish
- Total thickness of 180 µm*
- Advanced chemical resistance
- Advanced water repellency
- Heat healing
- Durability
- Heat resistance
- Heavy-duty endurance
- Frost tolerance
- Easy surface maintenance
- Stain resistance
- DELTAWARRANTY covered**

*See page 1
**See page 1

No. ONE
PROTECTION
Qualified by PPF experts



PPF TPU
Designed in USA

EASY INSTALLATION



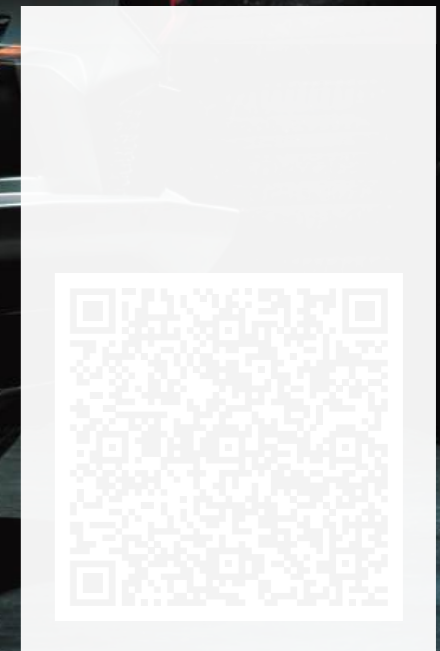
SELF-HEALING



HYDROPHOBIC



PPF TPU



CLEAR MATTE PPF

MATTE SURFACE EFFECT

DELTASKIN® MATTE PPF polyurethane film is re-stained but offers an impressive visual appearance. Deep satin texture accentuates the car's premium status, while the polyurethane base will reliably protect the paintwork.

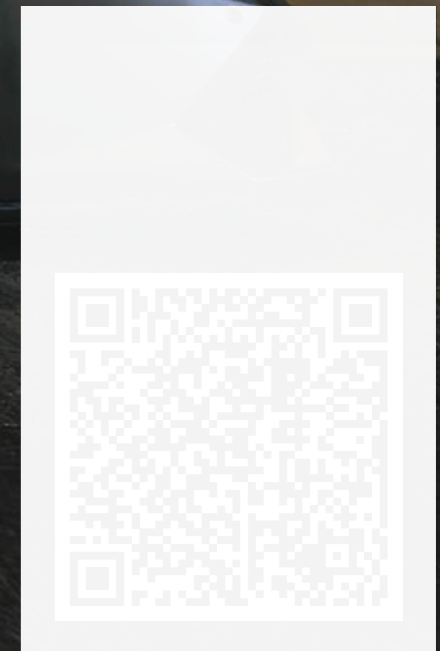
#UNLIM #CLEARMATTE



No. ONE
PROTECTION
Qualified by PPF experts



PPF TPU
Designed in USA



DELTASKIN® UNLIM CLEAR MATTE PPF TOP TPU is a transparent protective film made of high-quality thermoplastic polyurethane to protect the car surface from mechanical and chemical damage.

Signature Features:

- The best CLEAR MATTE PPF by price/performance ratio
- Total thickness of 200µm*
- Surface self-healing when heated
- Advanced chemical resistance
- Frost tolerance
- Heat resistance
- Advanced water repellency
- Durability
- Paint color saturation
- Heavy-duty endurance
- Easy surface maintenance
- DELTAWARRANTY covered**

*See page 1
**See page 1

UNLIM CLEAR MATTE PPF

**PRESERVE YOUR BRILLIANCE
EMBRACE THE MATTE**

Using a matte PPF film is a great way to protect and transform the appearance of the car. The uniform matte texture allows you to give the surface a deep matte effect and emphasize the shapes of the car body elements.

#BLACKMATTE

DELTASKIN® BLACK MATTE PPF TOP TPU is a matte black thermoplastic polyurethane-based protective film that protects car paintwork and provides aesthetic decorative solutions on various body elements.

Signature Features:

- Matte black finish
- Heat healing
- Total thickness of 180 µm*
- High stretch
- Advanced chemical resistance
- Advanced water repellency
- Durability
- Heavy-duty endurance
- Frost tolerance
- Heat resistance
- Easy surface maintenance
- Stain resistance
- DELTAWARRANTY covered**

*See page 1
**See page 1

No ONE
PROTECTION
Qualified by PPF experts



PPF TPU
Designed in USA

EASY INSTALLATION



SELF-HEALING



HYDROPHOBIC



PPF TPU
5
YEARS
WARRANTY

BLACK MATTE PPF

BLACK MATTE SURFACE EFFECT

Body part highlight or a complete change of a car color to matte black. Deep black color assure uniform dark satin appearance that lasts.

#SHADOWLINE

DELTASKIN® SHADOW LINE PPF TOP TPU is a black polyurethane film with a deep gloss effect for the protection and styling of the car body. High-quality polyurethane material with impressive visual appearance and protective properties.

Signature Features:

- Piano black gloss finish
- Total thickness of 180 µm*
- Heat healing
- Chemical resistance
- Advanced water repellency
- Deep black color
- Durability
- Deep gloss
- Panoramic sunroof effect
- ANTICHRROME SERVICE
- Even texture & mirror smooth finish
- Heavy-duty endurance
- Frost tolerance
- Heat resistance
- Easy surface maintenance
- Stain resistance
- DELTAWARRANTY covered**

*See page 1
**See page 1

No ONE

PROTECTION
Qualified by PPF experts



PPF TPU

Designed in USA

EASY INSTALLATION



SELF-HEALING



HYDROPHOBIC



PPF TPU

5 YEARS WARRANTY

SHADOW LINE PPF

BLACK GLOSS EFFECT

Black polyurethane styling film designed to create the panoramic sunroof effect, "anti-chrome", highlight the body elements and other stylistic solutions.

TINTED POLYURETHANE-BASED FILM FOR HEADLIGHTS

LIGHTS PROTECTION FILM
OPTIC STYLING

DELTASKIN® LIGHTS PROTECTION FILM is a polyurethane-based tinted protective film specially designed to tinge and protect automotive headlights against chipping, scratches and car wash brushes*. The material has a special tinted TOP COAT, that recreates the effect similar to the factory optional dimming of the headlights.

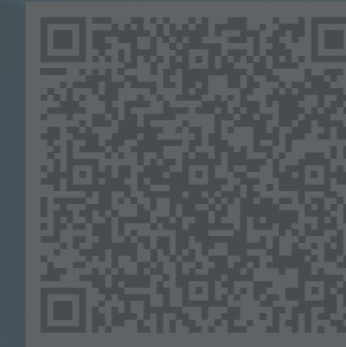
#HEADLIGHTS #LPF



CHARCOAL LPF 20%
MAXIMUM DARKENING OF HEADLIGHTS
Dark charcoal polyurethane-based film for car headlights protection and styling*. Perfectly accentuates the car headlights.



SKY LINE LPF 40%
POPULAR MEDIUM SHADE
Dark purple polyurethane film for car headlights protection and styling*. Looks great on both the front headlights and the taillights.



SMOKE SHADE LPF 40%
COLD MEDIUM SHADE
Carbon-colored polyurethane-based film for car headlights protection and styling*. Perfectly styles the car headlights.

Signature Features:

- Elegantly accentuates the headlights design
- Similar to factory tinting of lights*
- Total thickness of 180 µm*
- Advanced chemical resistance
- Heat healing
- Advanced water repellency
- Durability
- Deep gloss
- Variety of shades
- Wide range of VLTs
- Even texture & mirror smooth finish
- Heavy-duty endurance
- Frost tolerance
- Heat resistance
- Easy surface maintenance
- Stain resistance
- DELTAWARRANTY covered**

*See page 1
**See page 1

No. ONE
PROTECTION
Qualified by LPF experts



LPF TPU
Designed in USA



WINDSHIELD PROTECTION FILM



DELTA PLEX® is a series of exterior films designed to protect the windshield from small chips, cracks, and scratches, and to protect the passengers from harmful ultraviolet rays.

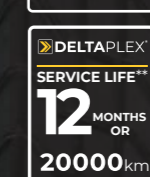
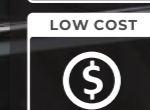
Signature Features:

- Scratch-resistant top coating
- Highly hydrophobic surface
- Size range for cars and commercial vehicles
- Thickness of 120 µm
- High level of VLT
- Excellent optical clarity
- Compliance with technical regulations
- UV protection
- No interference with radio and GPS signal
- No metallic luster
- Durability
- Easy installation
- DELTA WARRANTY covered**

*See page 1
**See page 1

No. ONE

PROTECTION
Qualified by window film experts



DELTA PLEX® 300 SERIES

DAILY PROTECTION

A series of films designed according to modern standards. Due to its properties and characteristics, it helps to protect the windshield from chips and scratches. The TOP COAT layer has an enhanced hydrophobic effect and advanced scratch resistance.

#NRG

HIGH PERFORMANCE

No. ONE
PROTECTION
Qualified by window film experts

METALIZED FILM
AL

IR REJECTION
IR

UV PROTECTION
UV

GLARE REDUCTION

OPTICAL CLARITY

EASY INSTALLATION

PRIVACY

DELTA FILM
10 years WARRANTY

DELTA FILM® NRG IR BLACK is a high-performance window film with a classic black tint and a metallized structure. High UV and IR protection. Premium product for everyday use.

Signature Features:

- Classic black shade
- Excellent optical clarity
- Wide range of VLTs
- 2 mil thickness*
- High UV protection
- High IR protection
- No interference with radio and GPS signal
- Scratch-resistant top coating
- Durability
- Easy installation
- DELTAWARRANTY covered**

DELTA FILM NRG IR	WAVE LENGTH	NRG IR BLACK 01	NRG IR BLACK 05	NRG IR BLACK 15	NRG IR BLACK 20	NRG IR BLACK 35	NRG IR BLACK 50
Solar energy transmittance, %	300-2,100 nm	2	4	9	13	18	28
Solar energy reflectance, %	300-2,100 nm	5	6	5	5	5	6
Solar energy absorbance, %	300-2,100 nm	93	90	86	82	77	66
Visible light transmittance, %	380-780 nm	1	5	15	20	35	55
Visible light reflectance, %	380-780 nm	6	6	6	5	5	6
Visible light absorbance, %	380-780 nm	93	89	79	75	60	39
UV rejection, %	300-380 nm	99	99	99	99	99	99
IR rejection, %	900-1,000 nm	99	100	99	99	99	99
Shading coefficient		0.25	0.32	0.37	0.40	0.44	0.53
Solar heat gain coefficient		0.22	0.27	0.32	0.34	0.38	0.46
Total solar energy rejection, %		78	73	68	66	62	54

*See page 1
**See page 1



NRG IR BLACK 01

VLT 1 / IR 99 / UV 99



NRG IR BLACK 05

VLT 5 / IR 100 / UV 99



NRG IR BLACK 15

VLT 15 / IR 99 / UV 99



NRG IR BLACK 20

VLT 20 / IR 99 / UV 99



NRG IR BLACK 35

VLT 35 / IR 99 / UV 99



NRG IR BLACK 50

VLT 55 / IR 99 / UV 99

SOLAR CONTROL FILM

#NRG IR PROTECTION

DELTA FILM® NRG IR is a series of nano-ceramic solar control films specially designed to reduce the heat load on the interior without significantly restricting visibility at night.

Signature Features:

- UV and IR protection
- High level of VLT
- Compliance with technical regulations
- No metallic luster
- Excellent optical clarity
- 2 mil thickness*
- Ceramic layer
- No interference with radio and GPS signal
- Scratch-resistant top coating
- Durability
- Easy installation
- Shattered glass protection
- DELTAWARRANTY covered**

No. ONE
PROTECTION
Qualified by window film experts

IR REJECTION
IR

UV PROTECTION
UV

OPTICAL CLARITY

EASY INSTALLATION

LAW-ABIDING

DELTA FILM
10 years
WARRANTY

DELTA FILM NRG	WAVE LENGTH	NRG IR BLUE 80	NRG IR GREEN 80
Solar energy transmittance, %	300-2,100 nm	52	50
Solar energy reflectance, %	300-2,100 nm	8	8
Solar energy absorbance, %	300-2,100 nm	40	42
Visible light transmittance, %	380-780 nm	80	75
Visible light reflectance, %	380-780 nm	11	10
Visible light absorbance, %	380-780 nm	9	17
UV rejection, %	300-380 nm	99	99
IR rejection, %	900-1,000 nm	70	70
Shading coefficient		0.71	0.69
Solar heat gain coefficient		0.620	0.600
Total solar energy rejection, %		38	40

*See page 1
**See page 1



NRG IR BLUE 80
VLT 80 / IR 70 / UV 99



NRG IR GREEN 80
VLT 75 / IR 70 / UV 99

