



Endless voyage towards innovation

GERMAN TECHNOLOGY *V-TECH*



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Endless voyage towards innovation-
German Technology V-TECH



V-TECH does neither constructing buildings nor manufacturing cars.
V-TECH just provides innovative energy saving solutions that everyone can enjoy the sense of well-being such as feeling safe, comfort and healthy wherever you are.
V-TECH 's ecology is ultimately designed for abundant life by creating cleaner environment around you by reducing carbon emissions.
The nano-coated 15-layered sputtering films help windows and properties keep their original looks longer by blocking hotspots around windows and maintaining interior illumination.

The endless voyage of V-TECH towards innovation will continue.



V-TECH PRODUCT



The V-TECH films are manufactured and produced by state-of-the-art sputtering technology. The sputtering technology is a film making technique that raw materials like Gold(Au), Silver(Ag), Titanium(Ti), Indium Tin Oxide(ITO), etc are sputtered onto polyester films. In addition, temperature and humidity control system are installed in the manufacturing facility to produce quality of films consistently. WE USE NEW STATE-OF-THE-ART TECHNOLOGY AND PROCESSES.

By using the state-of-the art technology and processes, V-TECH window films can offer effective solar heat control solution for your vehicles or buildings. V-TECH films dramatically reduces the harmful UV rays, heat or glare for you and your family. Plus, V-TECH films help reducing energy loss through windows by using characteristics of window films such as illumination, dyeing or coating.



Neuest nano-keramik (Newest Nano-Ceramic)
Manufactured with newest and finest ceramic material, it rejects more heat and has stronger durability than the other films. It is also environment friendly 4-season window film that is 100% metal-free and dye-free.



Block up to 99% of harmful UVA and UVB rays
V-TECH window film blocks up to 99% of harmful UVA and UVB rays that might cause skin cancer. It's like applying a sunscreen with an SPF of 285 or more.



Driving Comfort and Energy Savings
Window film is designed to reject and absorb 61% of the sun's energy that heats up the inside of your car.



Experience SPF285+
V-TECH film blocks up to 99% of Harmful UVA and UVB



ECO-Friendly Life
V-TECH is committed to providing the best and environment-friendly products with advanced technology to save energy and our planet.



“More Dynamic Perfect Film More Rich Quality Feel!”



Safer Driving
Reduces the glare from the sun rays, snow and head-lights to increase visibility for a safer driving.



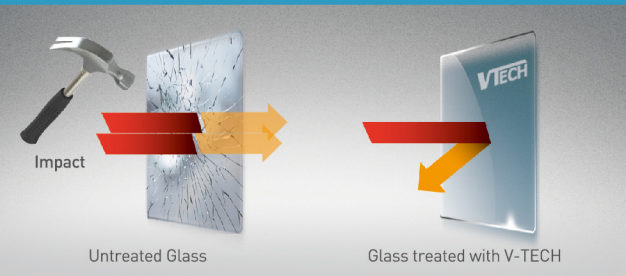
Enhanced Privacy Protection
Thanks to the advanced nano-technology, V-TECH offers industry leading film clarity for unaltered visibility. In addition, it helps protecting your privacy.



Protection from Fading
UV light can cause fading and irreparable damage to your property. Protecting your valuable assets and interior furnishings from expansive sun damage.



Safety and Security
Prevents and protects windows from accidents or natural disaster. V-Tech film helps holding glass together tight when shattered and preventing dangerous situation from accident.



GLOBAL NETWORK



V-TECH AUTOMOTIVE FILM

OUR BUSINESS

Franchise (Window Tinting)	Distribution (Car Care Goods)	Official Supplier to Automobile Manufacturers	Overseas Development Projects
Expanding Franchise Network of Automotive and Architecture Films around the World	Developing and Distributing Car-Care Goods and Tools Worldwide	<div></div> <div> SSANGYONG</div> <div><div>- Official Genuine Film Supplier of General Motors Korea since 2015</div><div>- Official Genuine Film Supplier of Ssangyong Motor since 2007</div><div>- Additional genuine film registration will continue.</div></div>	Pursuing Projects for Social Responsibility with International Development Organizations (KOICA, UNICEF, etc.)

V-TECH AUTOMOTIVE FILM

HEAT MIRROR

Control the sun for cool comfort and savings.



Features and Benefits

- Providing protection from excessive heat and harmful UV rays
- Saving above 30% on cooling and heating costs
- Minimizing UV health risk to skin and eyes
- Reducing interior fading
- Exceptional optical clarity

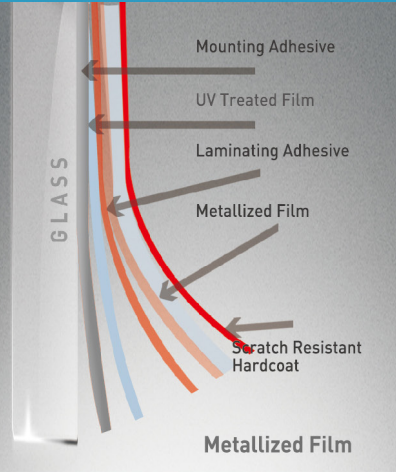
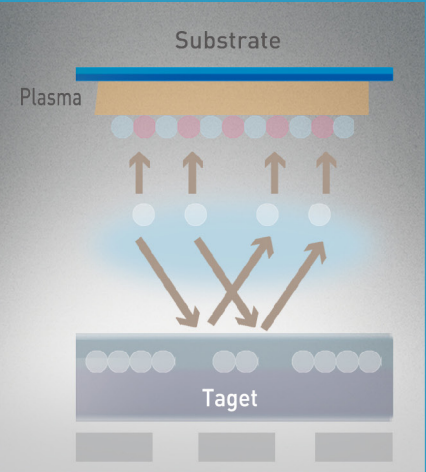
	Visible Light Transmittance %	Visible Light Reflectance %	UV CUT%	IR Rejection %	Warranty
Heat Mirror 40	42	6	99	98	10 years
Heat Mirror 70	72	9	99	97	10 years

* All data values above are representative and are provided for comparison purposes only.

Ultimate NANO Technology

We use new state-of-the-art technology and processes.

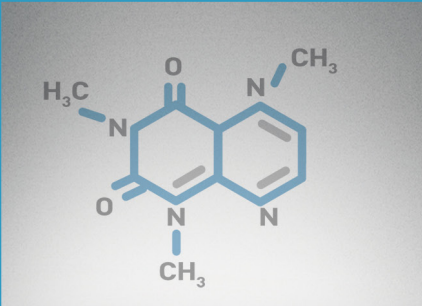
Sputtering film is a technology used for creating heat radiant coatings. With this technology a superior grade of tint is created. The manufacturing process is the most difficult degree of labor and creates the highest form of solar control products. This process is done in vacuum, but to achieve the metallization of the process it is performed at a microscopic level. By the process of electromagnetic fields and a series of ions from a gas such as Argon, they are forced onto the metal surface. The ion shower forces a series of atoms to repel in tiny bursts spreading a thin coat evenly across the surface. In simple English, different types of metals are blended depending on the desired application or level of solar resistance. The metal mixture is then sprayed across the surface so fine is not visible to the naked eye.



We use premium-grade Ceramic.

Ceramic films are neither dyed nor metallized, and are created using a sputtered coating process. Titanium Nitride is sputtered onto a polyester film layer. The benefits include; long lasting films with high heat rejection properties that are visually beautiful.

The key ingredient is a unique chemical compound called Titanium Nitride [TiN], a tough ceramic material often used to protect and preserve machine tools. TiN contains exceptional infrared (IR) reflective properties, which allows the film to reject solar heat at a higher rate compared to traditional film products. Plus, TiN is extremely durable.



V-TECH AUTOMOTIVE FILM

CRYSTAL ICE II

Extremely clear view and decrease hot spot.



MANUFACTURED WITH ADVANCED NANOTECHNOLOGY

Manufactured with advanced nanotechnology, V-TECH CRYSTAL ICE II® series is in a class of its own when it comes to maximizing your driving experience and comfort. Thanks to the advanced infrared heat blocking properties of CRYSTAL ICE II, you'll enjoy significant reduction in the total solar heat energy coming through your windows in three different shades. In addition, CRYSTAL ICE II offers industry leading film clarity for unaltered visibility and safe driving. And because CRYSTAL ICE II® blocks over 99% of damaging and harmful ultraviolet light, you're helping to protect your car's beautiful interior from fading and yourself and passengers from premature skin aging.

Features and Benefits

- Maintains Factory Glass Appearance
- Better Exterior Look of Vehicle
- Reduces Cooling Cost
- Blocks 99% of UV Rays
- Better Safety Condition by Holding Glasses Tight When Accident
- Superior Glare Reduction for Increased Comfortableness
- No Interference With Cell Phone, Radio, or Navigation System Signals

	Visible Light Transmittance %	Visible Light Reflectance %	UV CUT%	IR Rejection %	Warranty
Crystal Ice II 10	10	5	99	89	7 years
Crystal Ice II 40	43	7	99	89	7 years
Crystal Ice II 70	75	8	99	89	7 years

* All data values above are representative and are provided for comparison purposes only.

FLEXA

FLEXA offers the highest standard of car window film

Ceramic Sputtered Mirror Film

V-TECH FLEXA Series is the industry leading ceramic-sputtering film with reflection. It is based on the latest in non-metal, nano-hybrid technology. FLEX films applied with high-end technology for comfortableness and UV rejection will provide more comfortable driving experience.

Features and Benefits

- High Heat/Corrosion-Resisting Ceramic Sputtered Film
- Unprecedented, Unique Car Window Film
- Excellent Heat Rejection Performance with Glare Reduction for a Comfort Driving
- Blocks more than 99% of Ultraviolet Ray
- Anti-Scratch Coating
- Superior Clarity



	Visible Light Transmittance %	Visible Light Reflectance %	UV CUT%	TSER %	Warranty
FLEXA 10 \bar{R}	11	15	99	69	5 years
FLEXA 15	16	6	99	67	5 years
FLEXA 35	34	6	99	53	5 years
FLEXA 50 \bar{R}	52	13	99	60	5 years

* All data values above are representative and are provided for comparison purposes only.

V-TECH AUTOMOTIVE FILM

PREMIUM LX / PREMIUM

Outstanding solar performance and film clarity.



High Performance Film Series

Premium provide heat rejection, glare reduction and maintain temperature consistency from one room to another.

This series driving experience is a result of the film’s ability to block up to 58% of total solar energy and more than 99% of ultraviolet light.

Features and Benefits

- Upgrade vehicle’s exteriorPNon-reflective
- Excellent heat rejection
- Blocking 99% of harmful UV rays
- Reduce fading car interior

	Visible Light Transmittance %	Visible Light Reflectance %	UV CUT %	TSER %	Warranty
Premium LX 10	10	5	99	67	5 years
Premium LX 15	15	8	99	65	5 years
Premium LX 30	30	9	99	63	5 years
Premium LX 40	43	11	99	58	5 years

	Visible Light Transmittance %	Visible Light Reflectance %	UV CUT%	TSER %	Warranty
Premium 5	4	8	99	70	5 years
Premium 15	12	8	99	60	5 years
Premium 35	38	8	99	49	5 years
Premium 50	52	8	99	40	5 years

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V-TECH ARCHITECTURE FILM

V-TECH ARCHITECTURE FILM

RE



▲ SAMSUNG(RE20SS)

A Smart Choice For Commercial & Residential Properties

RE Series improves the look and function of just about any buildings. It has high solar control performance and durability. The RE metal, laminating adhesives and scratch-resistant coating used in this film provides high performance, durability and longevity.

Features and Benefits

- All-Purpose with Extreme Heat Rejection
- Improves Exterior Appearance
- Excellent Durability
- Blocks 99% of UV Rays, Prevents from Fading

	RE 20 SS	RE 35 SS
Visible Light Transmittance%	21	33
Visible Light Reflectance%(I)	30	16
Visible Light Reflectance%(E)	25	16
UV CUT%	99	99
TSER %	68	52
Construction	2-ply	2-ply
Thickness Guage(MIL)	1.5	1.5

* All data values above are representative and are provided for comparison purposes only.

DRDS

Low solar heat gain coefficient will keep your home more comfortable

DRDS Series provides warm and natural appearance for your home and building. This film offers a unique combination of low reflectivity, beauty, and high performance. It has dual reflective technology, providing daytime privacy while allowing easier viewing outside at night.

Features and Benefits

- Protects from The Sun's Damaging Ultraviolet Rays
- Reduces Glare by up to 83%
- Protects your Daytime Privacy
- Rejects up to 77% of The Total Solar Energy
- Lower Interior and Exterior Reflectivity (The View of the Outside is Unaltered)



▲ Seoul National University Bundang hospital(DRDS 25)

	DRDS 15	DRDS 25	DRDS 35
Visible Light Transmittance%	14	23	35
Visible Light Reflectance%(I)	13	13	13
Visible Light Reflectance%(E)	36	26	18
UV CUT%	99	99	99
TSER %	77	65	53
Glare Reduction	83	72	60
U-value(Winter)	0.92	0.92	1.05
Shading Coefficient	0.29	0.39	0.54

* All data values above are representative and are provided for comparison purposes only.

V-TECH ARCHITECTURE FILM

Low-E HIGH EFFICIENCY SOLAR CONTROL FILM



▲ Government Complex(Chuncheon)

Low-E film has quiet glass and natural color. And it helps your year-round energy saving. A complete film line makes look good for both residential and commercial applications. By lower interior and exterior reflectivity, the view of the outside is not altered. Additionally, It offers glare and fade reduction.

Features and Benefits

- 50% of Visible Light Transmission with 60% of Heat Rejection
- Superior Interior Appearance by Natural Color
- Keeps Warmness in Winter by Preventing Condensation
- Rejects 99% of Heat Energy and Reduces Fading

	Low-E 30 Bronze
Visible Light Transmittance%	37
Visible Light Reflectance%(I)	22
UV CUT	99
U-Value(Winter)	0.92
Shading Coefficient	0.45
TSER	61

* All data values above are representative and are provided for comparison purposes only.

