



Automotive Window Film Swatch Book

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LLumar Quality Assurance.

Manufactured by a subsidiary of Eastern Chemical Company, LLumar made in USA products are highly recognised by their outstanding quality, high performance and durability.

Offering a suite of innovative solutions to meet the needs of consumers LLumar films are inspected using the latest testing equipment and procedures and we are proud to be an ISO 9001-2008 Certified Company.

Trust LLumar as your brand of choice.



Metallised Film.

This type of film is designed for superior heat and UV rejection to protect your cars interior as well as provide a stunning appearance from the outside. It has a scratch resistant coating that will help protect the inside of the windows.

Benefits:

- Metallised aluminium layer for high heat rejection
- Privacy feature also helps protect your valuables from prying eyes
- Blocks up to 99% of the suns damaging UV rays protecting your car from sun damage
- Reduces heat transfer through glass allowing for a cooler environment inside your car
- Reduces fading to car's internal surfaces
- Ultimate glare reduction for a more comfortable driving experience



JetBlack 10

Extra Dark Charcoal Colour

JetBlack offers everything you need and more.

Total Solar Energy Rejected (TSER)	64%
Visible Light Transmitted	10%
Visible Light Reflected	8%
Ultra Violet Rejected	>99%
Glare Reduction	86%
Metallised	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT



JetBlack 20

Dark Charcoal Colour

JetBlack offers everything you need and more.

Total Solar Energy Rejected (TSER)	62%
Visible Light Transmitted	19%
Visible Light Reflected	10%
Ultra Violet Rejected	>99%
Glare Reduction	78%
Metallised	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT.



JetBlack 35

Charcoal Colour

JetBlack offers everything you need and more.

Total Solar Energy Rejected (TSER)	58%
Visible Light Transmitted	35%
Visible Light Reflected	10%
Ultra Violet Rejected	>99%
Glare Reduction	60%
Metallised	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT.



JetBlack 45

Light Charcoal Colour

JetBlack offers everything you need and more.

Total Solar Energy Rejected (TSER)	41%
Visible Light Transmitted	45%
Visible Light Reflected	8%
Ultra Violet Rejected	99%+
Glare Reduction	49%
Metallised	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT.



Grange 05

Very Dark Grey Colour

If you want a high performer, this is the film for you.

Total Solar Energy Rejected (TSER)	67%
Visible Light Transmitted	5%
Visible Light Reflected	10%
Ultra Violet Rejected	>98%
Glare Reduction	95%
Porous Sputtered	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT



Grange 18

Dark Grey Colour

If you want a high performer, this is the film for you.

Total Solar Energy Rejected (TSER)	66%
Visible Light Transmitted	15%
Visible Light Reflected	11%
Ultra Violet Rejected	>98%
Glare Reduction	83%
Porous Sputtered	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT



Grange 28

Medium Dark Grey Colour

If you want a high performer, this is the film for you.

Total Solar Energy Rejected (TSER)	61%
Visible Light Transmitted	24%
Visible Light Reflected	12%
Ultra Violet Rejected	>98%
Glare Reduction	73%
Porous Sputtered	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT



Grange 38

Medium Grey Colour

If you want a high performer, this is the film for you.

Total Solar Energy Rejected (TSER)	58%
Visible Light Transmitted	24%
Visible Light Reflected	12%
Ultra Violet Rejected	>98%
Glare Reduction	60%
Porous Sputtered	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT



Stealth 20

Charcoal Colour

For privacy and peace of mind.

Total Solar Energy Rejected (TSER)	62%
Visible Light Transmitted	19%
Visible Light Reflected	10%
Ultra Violet Rejected	>98%
Glare Reduction	78%
Metallised	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT



Stealth 30

Medium Charcoal Colour

For privacy and peace of mind.

Total Solar Energy Rejected (TSER)	58%
Visible Light Transmitted	30%
Visible Light Reflected	10%
Ultra Violet Rejected	>98%
Glare Reduction	65%
Metallised	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT



Stealth 35

Black Charcoal Colour

For privacy and peace of mind.

Total Solar Energy Rejected (TSER)	56%
Visible Light Transmitted	35%
Visible Light Reflected	10%
Ultra Violet Rejected	>98%
Glare Reduction	60%
Metallised	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT

Non-Metallised Film.

Designed for vehicles with in-built antenna systems that will not interfere with the signal reception of radio (AM and FM), telephone and satellite navigation systems installed in vehicles.

Benefits:

- Anti electro-magnetic interference
- Unsurpassed hardness, patented scratch resistant coating
- Patented state-of-the-art high performance resin mounting adhesive
- Low light reflectance giving clear uninterrupted viewing - day and night
- Patented manufacturing process permanently embeds the colour into the polyester using hydrocarbons and organic substrates
- Multiple layers of UV absorbers ensure it is fade resistant and will not turn purple



JetBlack 22

Non-Metallised

Dark Charcoal Colour

JetBlack offers everything you need and more.

Total Solar Energy Rejected (TSER)	51%
Visible Light Transmitted	20%
Visible Light Reflected	6%
Ultra Violet Rejected	>99%
Glare Reduction	75%
Non-Metallised	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT.



JetBlack 35

Charcoal Colour

Non-Metallised

JetBlack offers everything you need and more.

Total Solar Energy Rejected (TSER)	47%
Visible Light Transmitted	35%
Visible Light Reflected	5%
Ultra Violet Rejected	>99%
Glare Reduction	58%
Non-Metallised	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT.



Eminm 22

Non-Metallised

Dark Jade Colour

The ultimate complement to your vehicle.

Total Solar Energy Rejected (TSER)	53%
Visible Light Transmitted	18%
Visible Light Reflected	9%
Ultra Violet Rejected	99%+
Glare Reduction	79%
Non-Metallised	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT.



Eminm 35

Jade Colour

Non-Metallised

The ultimate complement to your vehicle.

Total Solar Energy Rejected (TSER)	50%
Visible Light Transmitted	35%
Visible Light Reflected	10%
Ultra Violet Rejected	98%
Glare Reduction	60%
Non-Metallised	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT



Eminm 45

Non-Metallised

Light Jade Colour

The ultimate complement to your vehicle.

Total Solar Energy Rejected (TSER)	45%
Visible Light Transmitted	45%
Visible Light Reflected	10%
Ultra Violet Rejected	99%+
Glare Reduction	49%
Non-Metallised	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT



Clear 88

Non-Metallised

Translucent Colour

Uninterrupted views for safer driving day and night.

Total Solar Energy Rejected (TSER)	14%
Visible Light Transmitted	88%
Visible Light Reflected	10%
Ultra Violet Rejected	>95%
Glare Reduction	-
Non-Metallised	✓
Scratch Resistant Coating	✓
Adhesive Type	HPR

*Data derived from application to Pilkington automotive green glass 4mm with a 88% VLT.

Security Film.

Designed for the side glass windows in vehicles to substantially increase protection against theft and vandalism when compared to the same application of standard window film.

Benefits:

- Multi-laminated for superior strength
- Designed with capability for application to factory tinted glass
- Helps prevent the shattering of glass in the event of an accident



Magnum 35

Security Film

Medium Grey Colour

Magnum is 3 times thicker than standard film.

Total Solar Energy Rejected (TSER)	56%
Visible Light Transmitted	35%
Visible Light Reflected	10%
Ultra Violet Rejected	>99%
Glare Reduction	60%
Metallised	✓
Scratch Resistant Coating	✓
Adhesive Type	PS

*Data derived from application to Pilkington automotive green glass 4mm with a 78% VLT

Ceramic Film.

Ceramic Film technology is long lasting, won't interfere with your technology and has superior infrared rejection that surpasses other films.

Benefits:

- Superior infrared heat rejection keeping your car interior cooler
- Fade resistant deep colour pigments so your film looks newer for longer
- Maximum efficiency in the functioning of technological devices in your car
- Available in multiple shades to compliment the look of all vehicles



Ceramic CNP 20

Deep Ocean Colour

Ceramic Film

The ultimate complement to your vehicle.

Total Solar Energy Rejected (TSER)	59%
Visible Light Transmitted	20%
Visible Light Reflected	5%
Ultra Violet Rejected	99%
Glare Reduction	77%
Scratch Resistant Coating	✓
IR Rejected (IRR) at 1200 nm	90%
IR Energy Rejected (IRER)	59%
Selected IR Rejected (SIRR)	85%
Adhesive Type	HPR

Data derived from application to Pilkington automotive glass, green 4mm with a 78% VLT.

*IRER is a more complete measurement of heat experienced from solar infrared radiation (780-2500nm) including absorbed and re-radiated energy.

**SIRR is a measurement of solar infrared radiation (780-2500nm) not directly transmitted through glass. Absorbed and re-radiated Infrared energy is not included.



Ceramic CNP 35

Light Ocean Colour

Ceramic Film

The ultimate complement to your vehicle.

Total Solar Energy Rejected (TSER)	49%
Visible Light Transmitted	35%
Visible Light Reflected	5%
Ultra Violet Rejected	99%
Glare Reduction	58%
Scratch Resistant Coating	✓
IR Rejected (IRR) at 1200 nm	90%
IR Energy Rejected (IRER)	60%
Selected IR Rejected (SIRR)	86%
Adhesive Type	HPR

Data derived from application to Pilkington automotive glass, green 4mm with a 78% VLT.

*IRER is a more complete measurement of heat experienced from solar infrared radiation (780-2500nm) including absorbed and re-radiated energy.

**SIRR is a measurement of solar infrared radiation (780-2500nm) not directly transmitted through glass. Absorbed and re-radiated Infrared energy is not included.



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The application of these films to a motor vehicle (unless approved for such use by the Transport Regulator in your area) may render any claim against an Insurance Company (for either Third Party or Comprehensive Insurance) NULL & VOID.

Police are powered to ground no-complying vehicles and issue warrants for fines resulting in loss of driving points for the driver.