

SHIELD SPIRIT

SHIELD SPIRIT

SMART SPECTRUM FILM PRODUCT MANUAL

China auto film industry chain service platform leader

AUTOMOTIVE
WINDOW FILM

Operation Center: Guangdong SHIELD SPIRIT New Material Co., LTD
Manufacturer: Guangdong Lyer New Material Technology Co., LTD
Production address: Foshan Shunde District Xingtian Town Baian road north water Industrial zone



Brand History

Focus on the research and development of functional new materials eighteen Years

- 2004 Expand the field of functional coating film (hot melt film FFC)
- 2014 Further extend the coating film industry chain (pressure sensitive film)
- 2015 led flexible line board
- 2016 Innovation film production process, broaden the functional film product chain
- 2019 Thermoforming process product
- 2021 Coordinated development of industrial chain



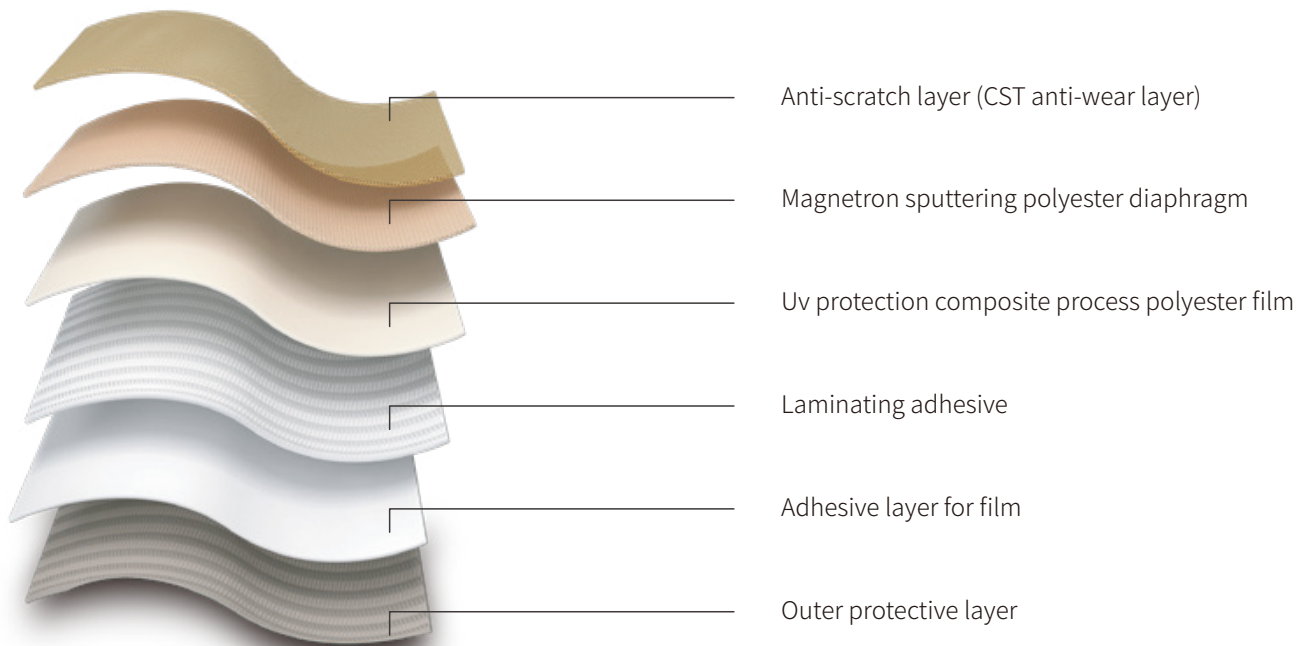
9 Major International Qualification Certification



SHIELD SPIRIT has successively obtained ISO 9001 quality management system, ISO 14001 Environmental management system, OHSAS 18001 Occupational Health Management System, IATF 16949 quality management system certification, and ISO 14064 (carbon emission), the United States UL certification, Japan F-MARK certification, the European Union IEC certification and other certification certificates. The company's film products comply with SGS environmental monitoring certification and ROHS regulations, FFC products comply with USB 30/31 standards.

Multilayer precious metal magnetron sputtering process

A large amount of reflected infrared heat, lasting insulation



Beat the heat and enjoy a comfortable ride

Eliminate the irritability and discomfort caused by thermal radiation, and create a comfortable space

Inside 25°

37° outside the car



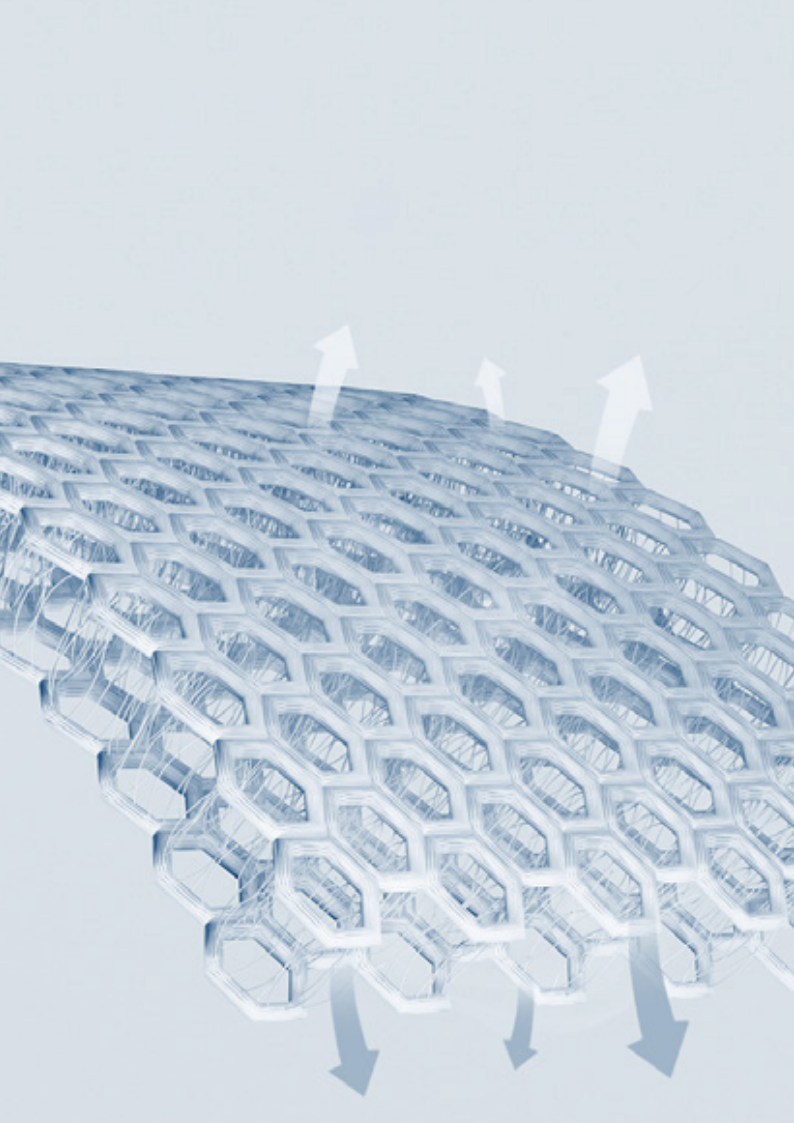
Resist harmful light

Sunscreen = 99% UV block + high infrared reflection



No harmful gas play

Metal primary colors do not contain dyes



SUPREME EXPLOSION-PROOF LUXURY ENJOYMENT



SUPREME EXPLOSION-PROOF SERIES

SUPREME EXPLOSION-PROOF SERIES

THE CAR HAS A SHIELD SPIRIT
GO ABOUT THE WORLD WITH PEACE OF MIND

Front windshield S70

Side and rear windshield S20



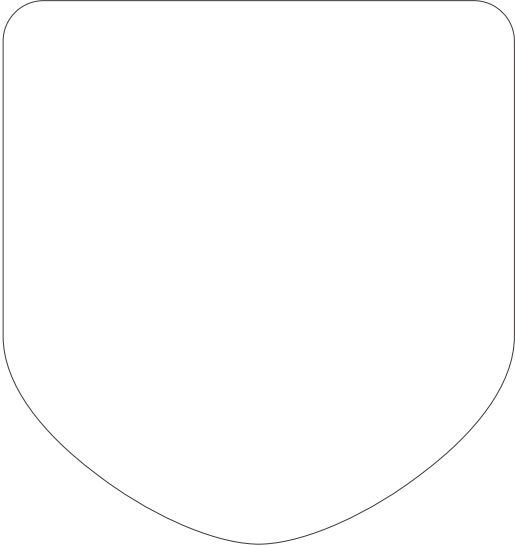
Supreme explosion-proof series
Precious metal special film



S70	Transmittance	70%
	Infrared Rejected	87%
	Ultraviolet Rejected	99%
	Heat gain reduction	55%
	Security level	4mil
	Warranty	终身

Front windshield

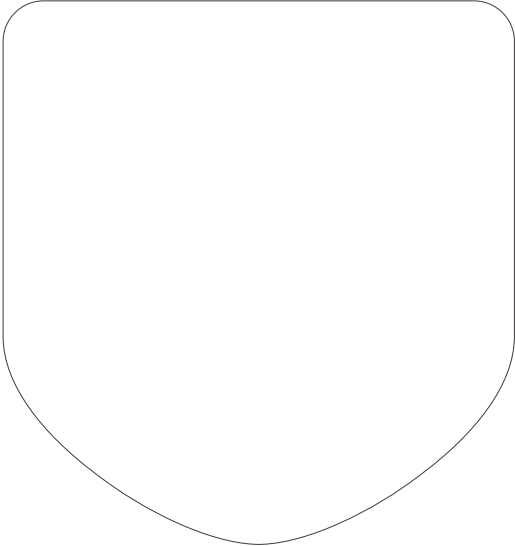
The above data are experimental test values for reference only



S20	Transmittance	20%
	Infrared Rejected	87%
	Ultraviolet Rejected	99%
	Heat gain reduction	72%
	Security level	4mil
	Warranty	终身

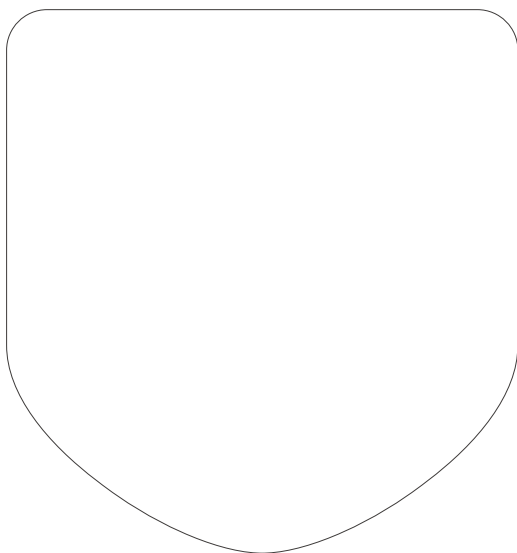
Side and rear windshield

The above data are experimental test values for reference only



Supreme explosion-proof series

Precious metal special film

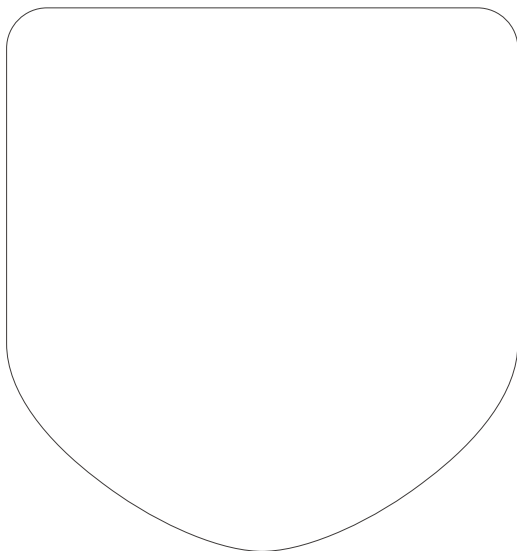


S70 Front windshield

13 layers of precious metal magnetron sputtering layer, extraordinary strong security

4 mil thickness high strength safety guarantee, prevent glass burst splash injury

Optical grade substrate reduces glare and ensures clear vision



S20 side and rear windshield

13 layers of precious metal magnetron sputtering layer, extraordinary strong security

4 mil thickness high strength safety guarantee, prevent glass burst splash injury

Optical grade substrate reduces glare and ensures clear vision

SUPREME METAL STRONG INSULATION



PRECIOUS METAL SERIES

PRECIOUS METAL SERIES

FILM SELECTIVE REFLECTION
THAT'S TRUE INSULATION

Front windshield S70

Side and rear windshield V15 / V25



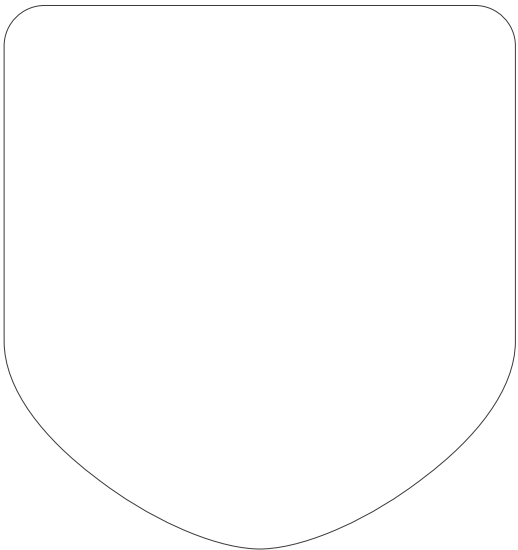
Precious metal series

Precious metal special film

S70	Transmittance	70%
	Infrared Rejected	87%
	Ultraviolet Rejected	99%
	Heat gain reduction	55%
	Security level	4mil
	Warranty	终身

Front windshield

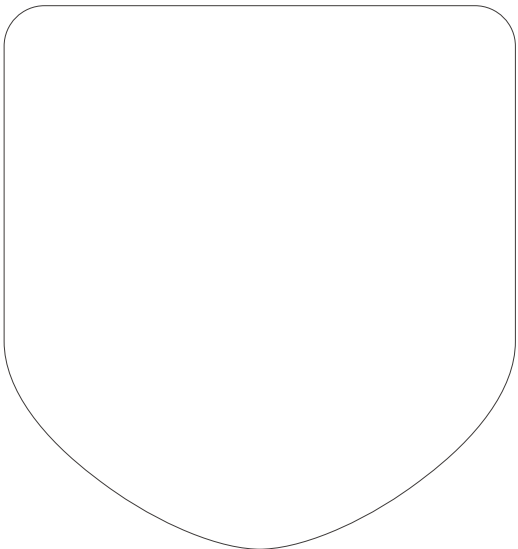
The above data are experimental test values for reference only



V25	Transmittance	25%
	Infrared Rejected	92%
	Ultraviolet Rejected	99%
	Heat gain reduction	68%
	Security level	2mil
	Warranty	10 年

Side and rear windshield

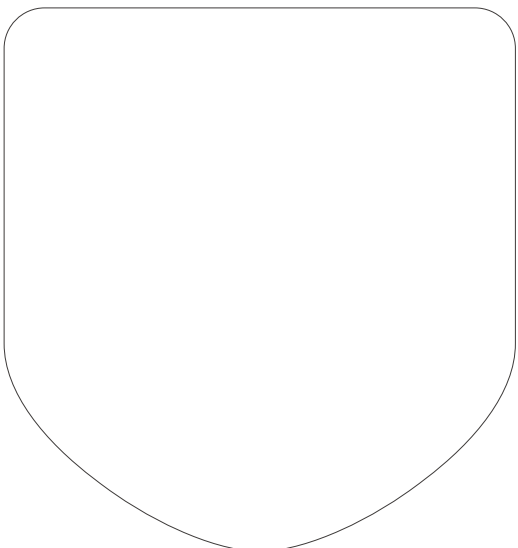
The above data are experimental test values for reference only

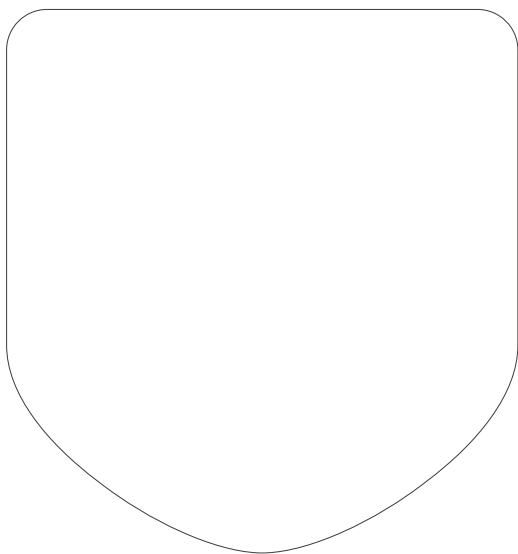


V15	Transmittance	15%
	Infrared Rejected	92%
	Ultraviolet Rejected	99%
	Heat gain reduction	68%
	Security level	2mil
	Warranty	10 年

Side and rear windshield

The above data are experimental test values for reference only



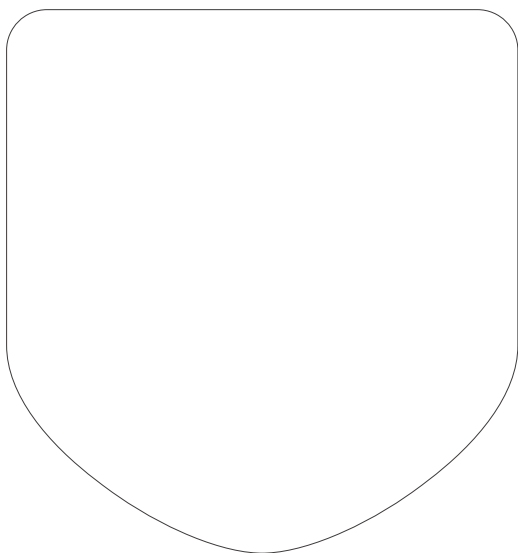


S70 Front windshield

13 layers of precious metal magnetron sputtering layer, extraordinary strong security

4 mil thickness high strength safety guarantee, prevent glass burst splash injury

Optical grade substrate reduces glare and ensures clear vision



V25 side and rear windshield

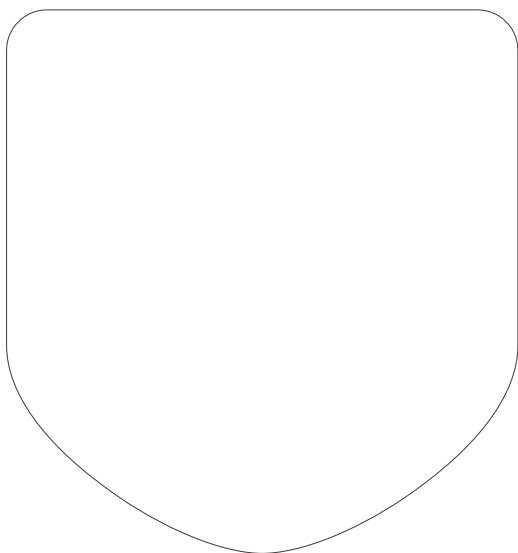
7 layers of precious metal alloy sputtering process, strong heat insulation and explosion protection

Intelligent light and heat separation, excellent balance of high light transmission,

high heat insulation and low reflection

Imported environmentally friendly viscose, no dye, healthy air

Natural metal color, enhance the brightness of the car



V15 side and rear windshield

7 layers of precious metal alloy sputtering process, strong heat insulation and explosion protection

Intelligent light and heat separation, excellent balance of high light transmission,

high heat insulation and low reflection

Imported environmentally friendly viscose, no dye, healthy air

Natural metal color, enhance the brightness of the car

ICE MUSCLE CONGEALED LIKE SNOW
ENJOY THE JOURNEY



BEAUTY HIGH HEAT INSULATION SERIES

BEAUTY HIGH HEAT INSULATION SERIES

ICE MUSCLE CONGEALED LIKE SNOW
ENJOY THE JOURNEY



Beauty high heat insulation series

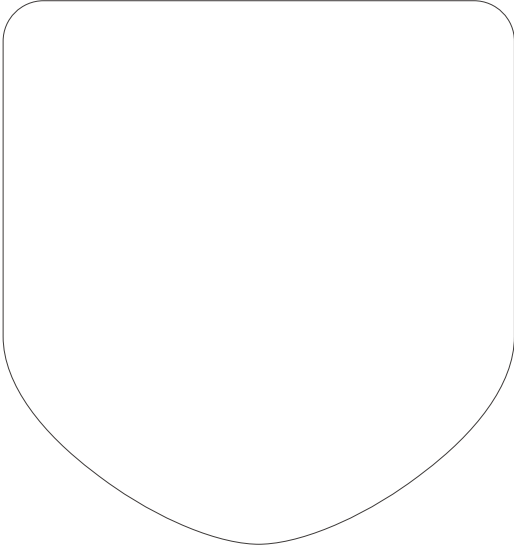
Whitening and heat insulation



Q70	Transmittance	70%
	Infrared Rejected	92%
	Ultraviolet Rejected	100%
	Heat gain reduction	50%
	Security level	3mil
	Warranty	8 年

Front windshield

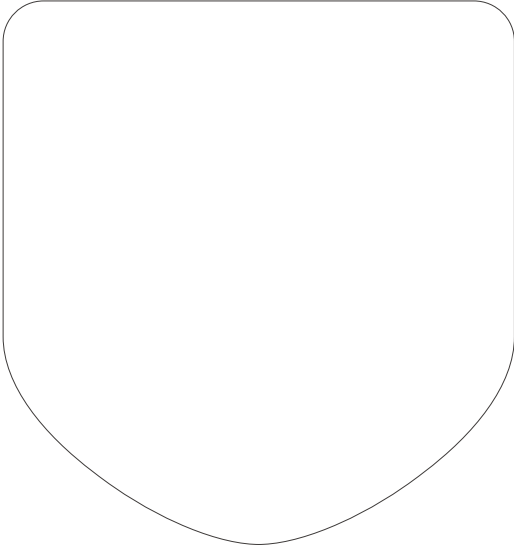
The above data are experimental test values for reference only



Q15	Transmittance	15%
	Infrared Rejected	92%
	Ultraviolet Rejected	100%
	Heat gain reduction	68%
	Security level	3mil
	Warranty	8 年

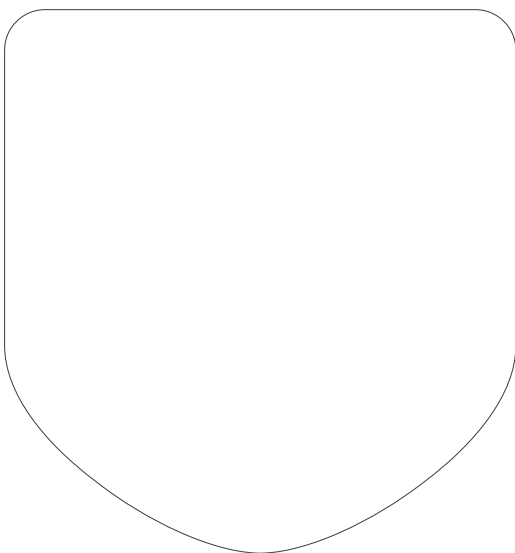
Side and rear windshield

The above data are experimental test values for reference only



Beauty high heat insulation series

Whitening and heat insulation



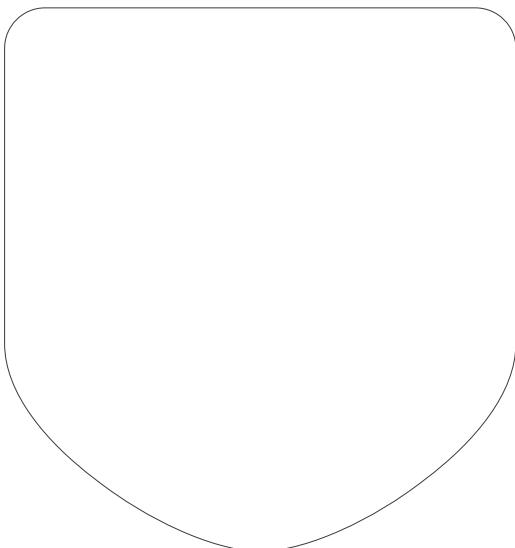
Q70 Front windshield

100% UV block + super insulation layer, double king

Nano ceramic insulation layer, peak insulation experience

3 mil thickness high strength safety guarantee, prevent glass burst splash injury

Imported environmentally friendly viscose, no dye, healthy air



Q15 side and rear windshield

100% UV block + super insulation layer, double king

Nano ceramic insulation layer, peak insulation experience

3 mil thickness high strength safety guarantee, prevent glass burst splash injury

Imported environmentally friendly viscose, no dye, healthy air

PHOTOTHERMAL SEPARATION PERFECT INSULATION



ICE CURTAIN HIGH HEAT INSULATION SERIES

ICE CURTAIN HIGH HEAT INSULATION SERIES

THE ICE CURTAIN IS SO COMFORTABLE
COOL FOR A SUMMER

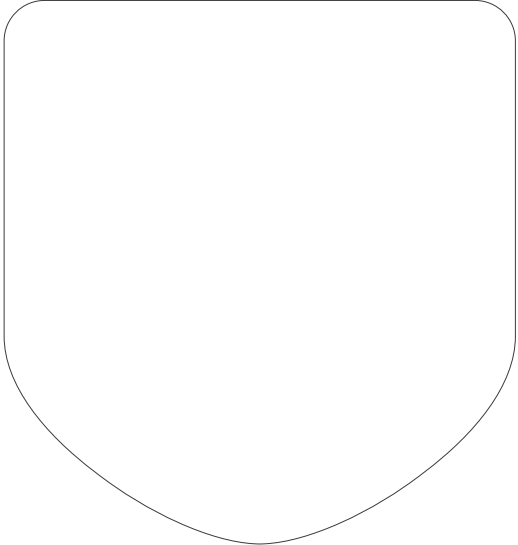


Ice curtain high heat insulation series

Comfort and energy saving

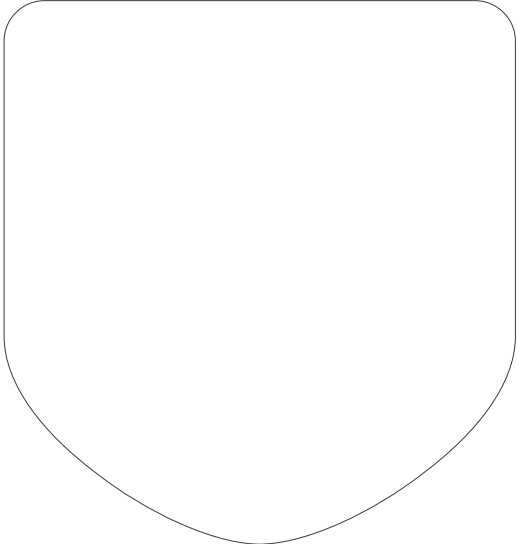
T70	Transmittance	70%
	Infrared Rejected	92%
	Ultraviolet Rejected	99%
	Heat gain reduction	48%
	Security level	2mil
	Warranty	7 年

Front windshield The above data are experimental test values for reference only



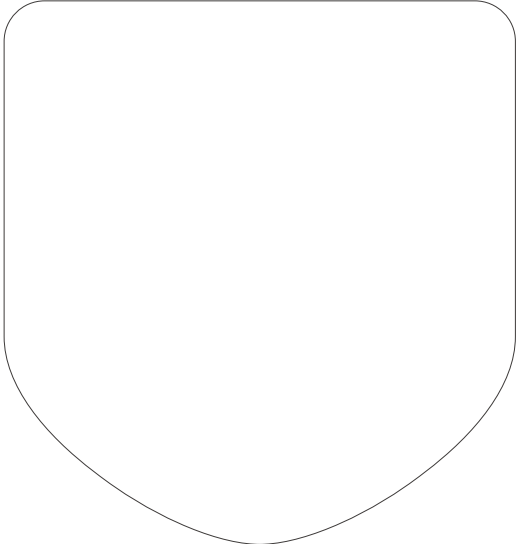
T25	Transmittance	25%
	Infrared Rejected	92%
	Ultraviolet Rejected	99%
	Heat gain reduction	65%
	Security level	2mil
	Warranty	7 年

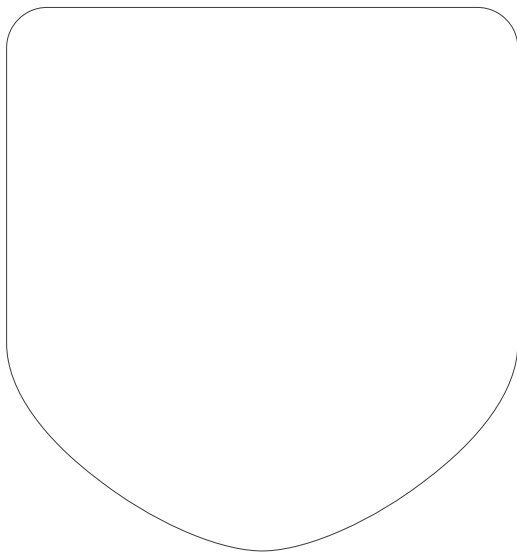
Side and rear windshield The above data are experimental test values for reference only



T15	Transmittance	15%
	Infrared Rejected	92%
	Ultraviolet Rejected	99%
	Heat gain reduction	65%
	Security level	2mil
	Warranty	7 年

Side and rear windshield The above data are experimental test values for reference only





T70 Front windshield

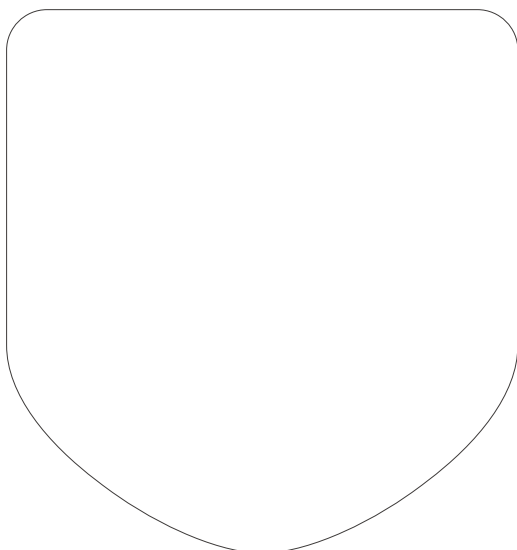
92% infrared block for a thermal insulation experience

Intelligent light and heat separation, excellent balance of high light transmission,

high heat insulation and low reflection

Filter blinding light, especially on rainy days and at night, to make driving safer

Truly anti-blue light, protect eyes, reduce driving fatigue



T25 side and rear windshield

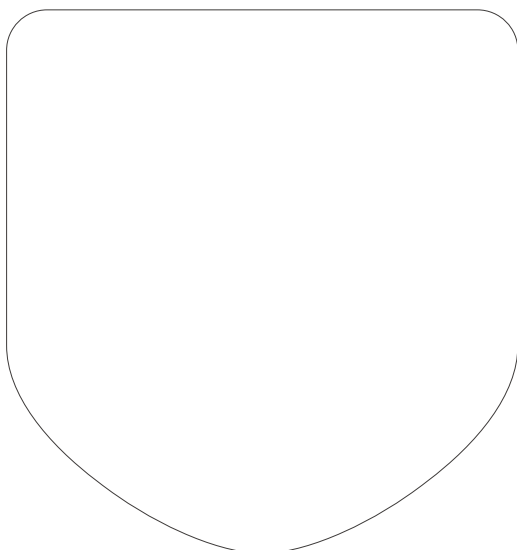
92% infrared block for a thermal insulation experience

Intelligent light and heat separation, excellent balance of high light transmission,

high heat insulation and low reflection

Filter blinding light, especially on rainy days and at night, to make driving safer

Truly anti-blue light, protect eyes, reduce driving fatigue



T15 side and rear windshield

92% infrared block for a thermal insulation experience

Intelligent light and heat separation, excellent balance of high light transmission,

high heat insulation and low reflection

Filter blinding light, especially on rainy days and at night, to make driving safer

Truly anti-blue light, protect eyes, reduce driving fatigue

NANO-CERAMICS EXTREME PROTECTION



SPF BEAUTY SERIES

SPF BEAUTY SERIES

FULL UV PROTECTION
THE SUN IS NO LONGER STRONG.



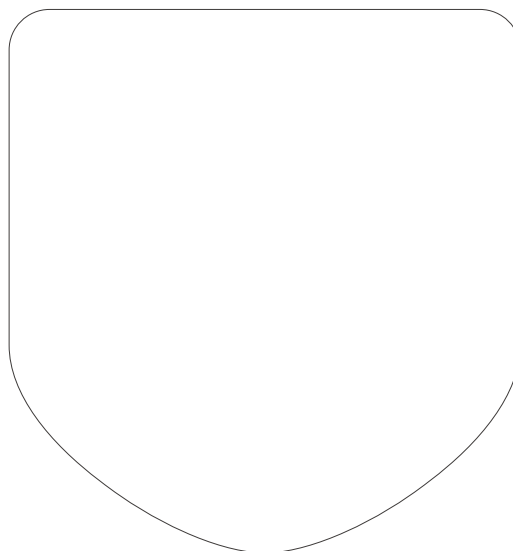
SPF Beauty series

UV (400) full protection

M70	Transmittance	70%
	Infrared Rejected	65%
	Ultraviolet Rejected	100%
	Heat gain reduction	35%
	Security level	2mil
	Warranty	5 年

Front windshield

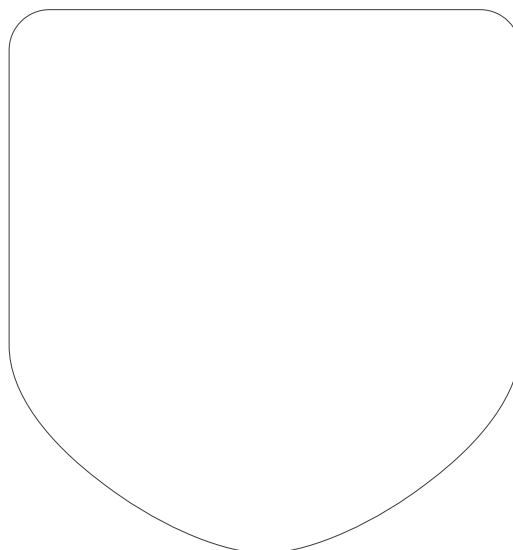
The above data are experimental test values for reference only



M35	Transmittance	35%
	Infrared Rejected	65%
	Ultraviolet Rejected	100%
	Heat gain reduction	45%
	Security level	2mil
	Warranty	5 年

Side and rear windshield

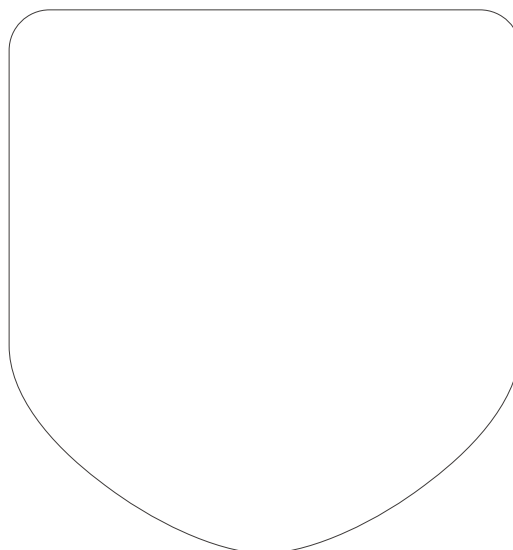
The above data are experimental test values for reference only

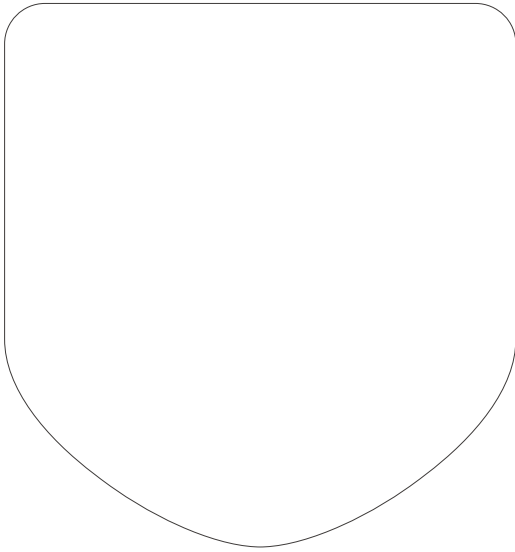


M20	Transmittance	20%
	Infrared Rejected	65%
	Ultraviolet Rejected	100%
	Heat gain reduction	45%
	Security level	2mil
	Warranty	5 年

Side and rear windshield

The above data are experimental test values for reference only





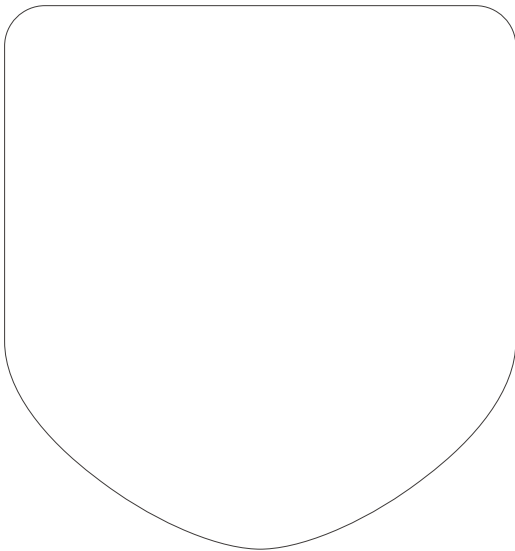
M70 Front windshield

100% UV block, double care for skin and eyes

Reduce glare and make driving safer

Optical grade substrates and nanoscale dense layers ensure clear vision

Reduces blue light damage, protects eyes and reduces fatigue



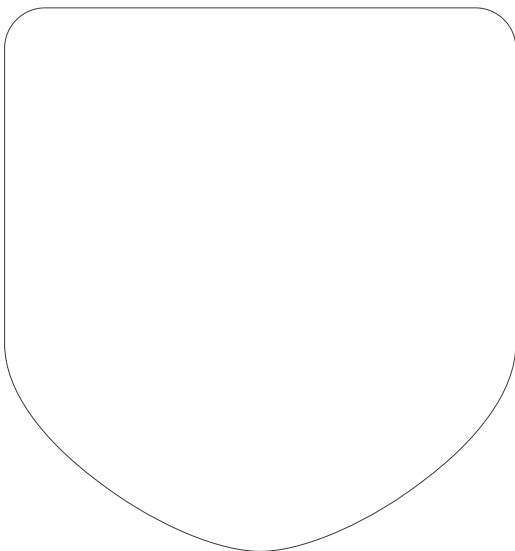
M35 Side and rear windshield

100% UV block, double care for skin and eyes

Reduce glare and make driving safer

Optical grade substrates and nanoscale dense layers ensure clear vision

Reduces blue light damage, protects eyes and reduces fatigue



M20 Side and rear windshield

100% UV block, double care for skin and eyes

Reduce glare and make driving safer

Optical grade substrates and nanoscale dense layers ensure clear vision

Reduces blue light damage, protects eyes and reduces fatigue

0 BENZENE 0 FORMALDEHYDE



PRIMARY COLOR HEAT INSULATION SERIES

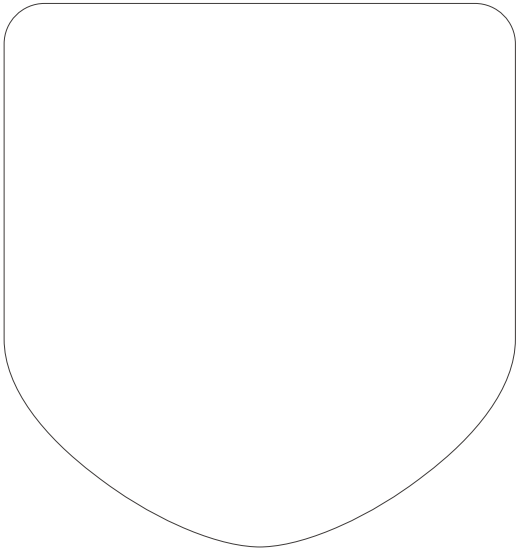
PRIMARY COLOR HEAT INSULATION SERIES



Primary color heat insulation series

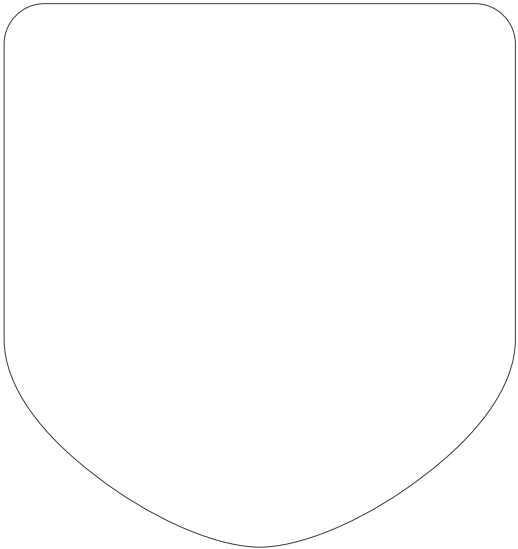
ZY70	Transmittance	70%
	Infrared Rejected	32%
	Ultraviolet Rejected	99%
	Security level	1.5mil

Front windshield The above data are experimental test values for reference only



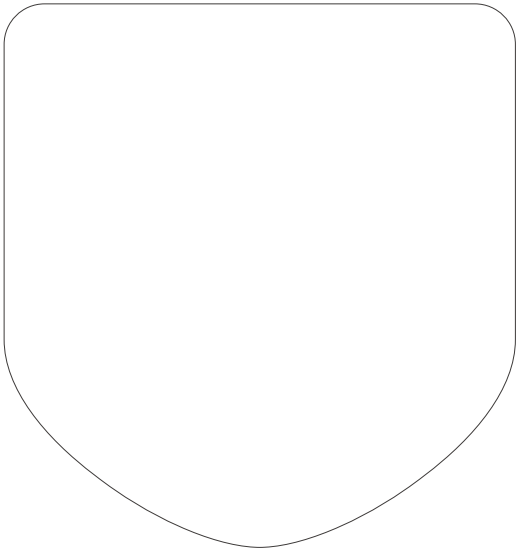
ZY30	Transmittance	30%
	Infrared Rejected	35%
	Ultraviolet Rejected	99%
	Security level	1.5mil

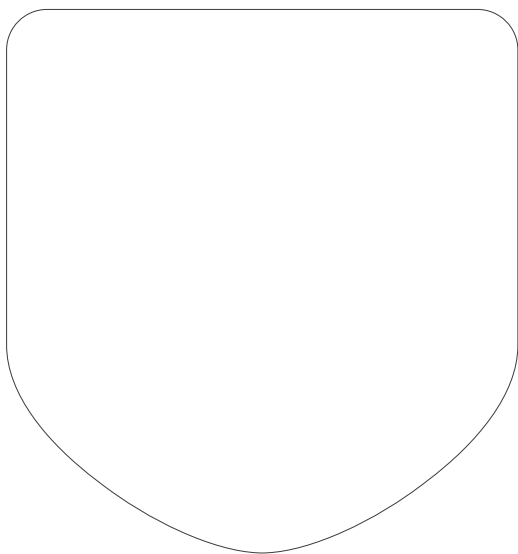
Side and rear windshield The above data are experimental test values for reference only



ZY20	Transmittance	20%
	Infrared Rejected	35%
	Ultraviolet Rejected	99%
	Security level	1.5mil

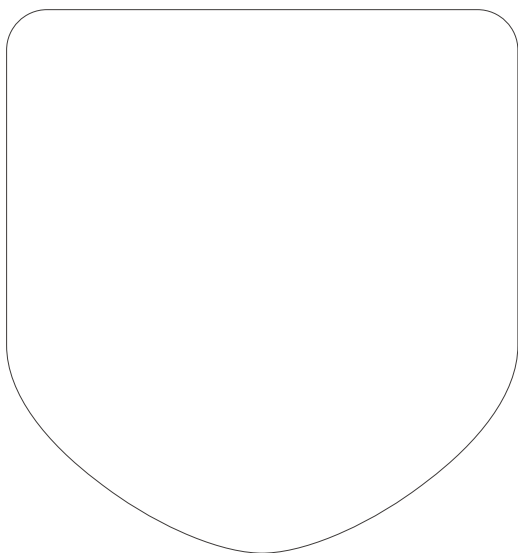
Side and rear windshield The above data are experimental test values for reference only





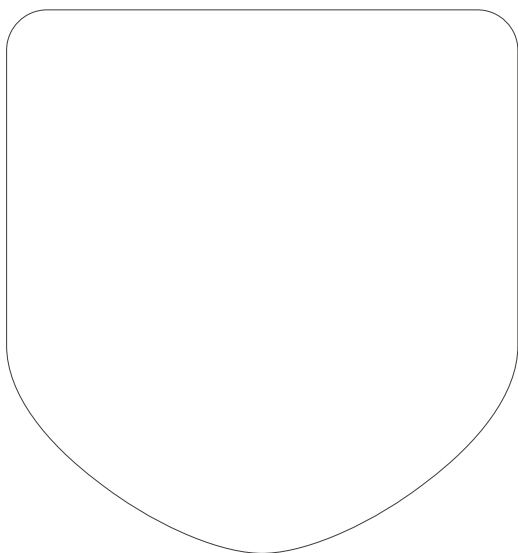
ZY70 Front windshield

Using smart spectrally selective materials,
Do not block mobile phones, ETC and other commonly used
wireless communication equipment signals,
Primary color film without harmful gas volatilization



ZY30 side and rear windshield

Using smart spectrally selective materials,
Do not block mobile phones, ETC and other commonly used
wireless communication equipment signals,
Primary color film without harmful gas volatilization



ZY20 side and rear windshield

Using smart spectrally selective materials,
Do not block mobile phones, ETC and other commonly used
wireless communication equipment signals,
Primary color film without harmful gas volatilization