

INANOFILMS® PPF

INANOFILMS PAINT PROTECTION FILM (PPF)

HIGH PERFORMANCE FILMS FOR ADVANCED PROTECTION

Soft Film - Easy to Install - Good Stain Resistance - Good Resistance to Penetration and Corrosion. INANOFILMS high-performance PPFs are constructed from enhanced polyurethane, and provide exceptional scratch resistance, self-healing, and supreme visual finishes, all while being virtually invisible. Science driven innovation has developed the strongest, most durable protection you can give your vehicle. Built with three essential layers, each Inanofilms® Paint Protection Film is guaranteed to preserve perfect paintwork against extreme conditions.

Excellent Weatherability - Self-Healing - Superior Resistance against Water Stain and Dirt - High Glossiness - Stable Adhesion - Stability against Chemical Attacks

SPECIFICATIONS

BASIC PARAMETERS	PREMIUM PLUS	PREMIUM	SUPER TITANIUM	PREMIUM MATT	COLOURED PPF
Character	Very Soft	Soft	Middle Soft	Middle Soft	Middle Soft
TPU Thickness	8.5 mil	7.5 mil	7.5 mil	7.5 mil	7.5 mil
Warranty (Years)	10	8	8	8	8
Self Healing	Yes	Heat Self Healing	Heat Self Healing	Heat Self Healing	Heat Self Healing
Anti Yellowing	Yes	Yes	Yes	Yes	Yes
Self Cleaning	Yes	Yes	Yes	Yes	Yes
Elongation at Break	300 %	251 %	330 %	330 %	300 %
Adhesive Strength	1028GF	762GF	720GF	720GF	1028GF
Yellowing Resistance	$\Delta E < 0.5$	$\Delta E < 1$	$\Delta E < 1$	$\Delta E < 1$	$\Delta E < 0.5$
Hydrophobic	High	High	Medium	High	High
Glossiness	103.8% Glossy(60deg)	96% Glossy(60deg)	103.8% Glossy(60deg)	Semi-Transparent	103.8% Glossy(60deg)

GOOD IN STRETCH - HIGH GLOSS & SUPERIOR CLARITY - KEEPING SELF-HEALING PERFORMANCE LONGER

EXTERIOR PPF FILMS



INTERIOR PPF FILMS



iCHROMIC®

iCHROMIC® is a Double Silver Sputtering Film. These self-adjustable solar window films are the latest and most advanced window tints. iChromic is a unique sun shading window film that automatically alters its Visible Light Transmission (VLT) level depending on the intensity of sunlight. This new Intelligent Optically Controlled Thermal Film for Cars, Yachts, Hotels & Villas changes its colour depending on the sunlight conditions from transparent to dark through the latest Nanotechnology in under 30 seconds.

SPECIFICATIONS	iCHROMIC® 10		iCHROMIC® 35		iCHROMIC® VIP	
	BEFORE AND AFTER CHANGING		BEFORE AND AFTER CHANGING		BEFORE AND AFTER CHANGING	
Visible light Transmission	73% VLT	22% VLT	35% VLT	20% VLT	15% VLT	05% VLT
Total Solar Energy Transmission	30%	19%	38%	22%	18%	11%
Total Solar Energy Rejection	61%	77%	53%	67%	69%	76%
Total Solar Energy Reflection	60%	65%	23%	28%	38%	43%
Total Solar Energy Absorbing	11%	16%	39%	49%	44%	69%
Visible Light Reflection exterior	15%	19%	10%	14%	22%	26%
IRR Infrared Rejection	92%	96%	93%	95%	95%	97%
UV Blocking	99.5%	99.9%	99.5%	99.9%	99.5%	99.9%



German KNOW HOW
Perfect PROTECTION
Best PERFORMANCE



Protection you can Trust
Install with Confidence

INANO[®] MM-SERIES

MICRO METAL SPUTTERING FILM Magnetron Sputtering Membrane Super UV 400 Film

Micro Metal Film -- Super Heat Rejection -- Ultra Clarity

Micro Metal is a high Thermal Insulation Film made using the latest and most advanced technology of reflecting and absorbing the heat at the same time.

Long lasting thermal insulation features filter damaging solar radiation such as rays which reduces interior heat build-up, providing multiple benefits to occupants such as enhanced comfort, reduced glare and no fading of interior fixtures.

SPECIFICATIONS	MM-5	MM-10	MM-20	MM-30	MM-35	MM-40	MM-50
Visible Light Transmission	5 % VLT	10 % VLT	20 % VLT	30 % VLT	35 % VLT	40 % VLT	50 % VLT
Total Solar Energy Rejection (TSER)	97 %	94 %	90 %	87 %	82 %	80 %	75 %
UV Blocking	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%
WARRANTY (YEARS)	10	10	10	10	10	10	10
SR Visible Light Transmittance	9 %	9 %	9 %	9 %	9 %	9 %	9 %
Solar Heat Gain Coefficient	0.49	0.22	0.15	0.16	0.16	0.15	0.28
Scratch Resistant	3 H	3 H	3 H	3 H	3 H	3 H	3 H
Infra Red Rejection (IRR)	99 %	99 %	99 %	99 %	99 %	99 %	99 %
Total Solar Reflectance	10 %	10 %	10 %	10 %	10 %	10 %	10 %
Thickness	2 MIL	2 MIL	2 MIL	2 MIL	2 MIL	2 MIL	2 MIL



FEEL THE PROTECTION. ENJOY LUXURY..



INANO[®] MQ-SERIES

MICRO QUANTUM FILM

Magnetron Sputtering Membrane Super UV 400 Film

Inorganic Nano Ceramic Film -- Super Heat Rejection -- Ultra Clarity

Thermal insulation features filter damaging solar radiation such as rays which reduces interior heat build-up, providing multiple benefits to occupants such as enhanced comfort, reduced glare, less fading of the interior fixtures. Superior Protection against harmful UV rays which is the main contributor to skin cancer and premature aging. UV rays can also cause eye damage, including cataracts and eyelid cancers according to Skin Cancer Foundation.

SPECIFICATIONS	MQ-5	MM-15	MM-25	MM-30	MM-35	MM-40	MM-60
Visible Light Transmission	5 % VLT	15 % VLT	25 % VLT	30 % VLT	35 % VLT	40 % VLT	60 % VLT
Total Solar Energy Rejection (TSER)	75 %	73 %	69 %	67 %	66 %	60 %	60 %
UV Blocking	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%
WARRANTY (YEARS)	8	8	8	8	8	8	8
SR Visible Light Transmittance	9 %	9 %	9 %	9 %	9 %	9 %	9 %
Solar Heat Gain Coefficient	0.39	0.39	0.59	0.59	0.62	0.62	0.62
Scratch Resistant	3 H	3 H	3 H	3 H	3 H	3 H	3 H
Infra Red Rejection (IRR)	98 %	97 %	98 %	97 %	95 %	92 %	91 %
Total Solar Reflectance	10 %	10 %	10 %	10 %	10 %	10 %	10 %
Thickness	2 MIL	2 MIL	2 MIL	2 MIL	2 MIL	2 MIL	2 MIL



FEEL THE PROTECTION. ENJOY LUXURY..

INANOFILMS TRANSPARENT FILM

INANO FC-80® AND INANO FX-80®

Magnetron Sputtering Membrane Super UV 400 Film

Thermal insulation features filter damaging solar radiation such as rays which reduces interior heat build-up, providing multiple benefits to occupants such as enhanced comfort, reduced glare, less fading of the interior fixtures. Superior Protection against harmful UV rays which is the main contributor to skin cancer and premature aging. UV rays can also cause eye damage, including cataracts and eyelid cancers according to Skin Cancer Foundation. UV rays also cause damage to car interiors such as leather seats, dashboard, etc. Heat Control Reduces the temperature inside your car resulting in faster cooling time, more Energy Saving, and Environmental Protection.



FEEL THE PROTECTION. ENJOY LUXURY..

SPECIFICATIONS	FC-80 (GREY EFFECT)	FC-80 (BLUE EFFECT)	FC-80 (GREEN EFFECT)	FX-80
Visible Light Transmission	70% VLT	70% VLT	73% VLT	80% VLT
Total Solar Energy Rejection (TSER)	65 %	73 %	62 %	39 %
UV Blocking	99.99%	99.99%	99.99%	99.99%
WARRANTY (YEARS)	10	10	10	8
SR Visible Light Transmittance	9 %	9 %	9 %	9 %
Solar Heat Gain Coefficient	0.65	0.51	0.59	0.67
Scratch Resistant	3 H	3 H	3 H	3 H
Infra Red Rejection (IRR)	93 %	97 %	96 %	83 %
Total Solar Reflectance	10 %	10 %	10 %	10 %
Thickness	2 MIL	2 MIL	2 MIL	2 MIL

INANOFILMS® ARCHITECTURE WINDOW FILMS

The high performance **INANOFILMS® Solar Window Films** filter damaging solar radiation and reduce interior heat build-up providing multiple benefits to occupants such as enhanced comfort and reduced glare, less fading of furniture and lower energy cost.

INTERIOR FILM



EXTERIOR FILM



SPECIFICATIONS	FC-75	FC-90	EM-60	EM-75
Visible Light Transmission	73% VLT	77% VLT	60% VLT	76% VLT
Total Solar Energy Rejection (TSER)	65 %	75 %	70 %	62 %
UV Blocking	99.99%	99.99%	99.99%	99.99%
WARRANTY (YEARS)	10	10	25	25
SR Visible Light Transmittance	9 %	9 %	9 %	9 %
Solar Heat Gain Coefficient	0.65	0.59	0.41	0.43
Application	Interior Installation	Interior Installation	Exterior Installation	Exterior Installation
Infra Red Rejection (IRR)	93 %	75 %	95 %	86 %
Total Solar Reflectance	10 %	10 %	10 %	10 %
Energy Saving Rate			27% - 37%	20% - 35%