



PRODUCT CATALOGUE

Automotive Films



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Automotive Films

NON REFLECTIVE FILM 1PLY

BLACK	1 BK 05	2 BK 20	3 BK 35
CHARCOAL	4 CH 05	5 CH 20	6 CH 35
GREY	7 GY 05	8 GY 20	9 GY 35

REFLECTIVE FILM 2PLY

CHARCOAL	10 C10 HP R2	11 C10 HP	12 C20 HP R2
	13 C20 HP	14 C25 HP	
GREEN	15 GN(II) NL35 HP		
GRAPHITE	16 GP 05L HP	17 GP 20L HP	18 GP 50L HP
NEUTRAL	19 XYM30 HP	20 XYM40 HP	21 XYM50 HP
SILVER	22 NL 20R HP	23 NL 35R HP	24 NL 50R HP

REFLECTIVE FILM 3PLY

GREEN	25 GN NL GN	26 CH NL CH
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NON-FADING FILM

27 SP 20C	28 SP 30C	29 SP 40C	30 SP 50C
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NV SERIES - SIMILAR TO 3M NV PRODUCTS

31 SP 10NV	32 SP 20NV	33 SP 30NV	34 SP 40NV
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BK 05

VISIBLE LIGHT TRANSMITTANCE	透光率	5%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	44%
VISIBLE LIGHT REFLECTANCE	光反射率	6%
SHADING COEFFICIENT	遮蓋率	0.66
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	42%
INFRA RED REJECTION	紅外線阻隔率	10

BK 20

VISIBLE LIGHT TRANSMITTANCE	透光率	20%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	47%
VISIBLE LIGHT REFLECTANCE	光反射率	6%
SHADING COEFFICIENT	遮蓋率	0.69
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	40%
INFRA RED REJECTION	紅外線阻隔率	10

BK 35

VISIBLE LIGHT TRANSMITTANCE	透光率	35%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	52%
VISIBLE LIGHT REFLECTANCE	光反射率	6%
SHADING COEFFICIENT	遮蓋率	0.73
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	37%
INFRA RED REJECTION	紅外線阻隔率	10

CH 05

VISIBLE LIGHT TRANSMITTANCE	透光率	5%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	44%
VISIBLE LIGHT REFLECTANCE	光反射率	6%
SHADING COEFFICIENT	遮蓋率	0.66
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	42%
INFRA RED REJECTION	紅外線阻隔率	10

CH 20

VISIBLE LIGHT TRANSMITTANCE	透光率	20%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	47%
VISIBLE LIGHT REFLECTANCE	光反射率	6%
SHADING COEFFICIENT	遮蓋率	0.69
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	40%
INFRA RED REJECTION	紅外線阻隔率	10

CH 35

VISIBLE LIGHT TRANSMITTANCE	透光率	35%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	52%
VISIBLE LIGHT REFLECTANCE	光反射率	6%
SHADING COEFFICIENT	遮蓋率	0.73
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	37%
INFRA RED REJECTION	紅外線阻隔率	10

GY 05

VISIBLE LIGHT TRANSMITTANCE	透光率	4%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	41%
VISIBLE LIGHT REFLECTANCE	光反射率	6%
SHADING COEFFICIENT	遮蓋率	0.64
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	44%
INFRA RED REJECTION	紅外線阻隔率	10

GY 20

VISIBLE LIGHT TRANSMITTANCE	透光率	22%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	48%
VISIBLE LIGHT REFLECTANCE	光反射率	7%
SHADING COEFFICIENT	遮蓋率	0.71
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	37%
INFRA RED REJECTION	紅外線阻隔率	10

GY 35

VISIBLE LIGHT TRANSMITTANCE	透光率	35%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	54%
VISIBLE LIGHT REFLECTANCE	光反射率	6%
SHADING COEFFICIENT	遮蓋率	0.76
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	35%
INFRA RED REJECTION	紅外線阻隔率	10

C10 HP R2

VISIBLE LIGHT TRANSMITTANCE	透光率	10%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	16%
VISIBLE LIGHT REFLECTANCE	光反射率	12/19
SHADING COEFFICIENT	遮蓋率	0.35
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	70%
INFRA RED REJECTION	紅外線阻隔率	64

C10 HP

VISIBLE LIGHT TRANSMITTANCE	透光率	14%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	23%
VISIBLE LIGHT REFLECTANCE	光反射率	7/16
SHADING COEFFICIENT	遮蓋率	0.48
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	59%
INFRA RED REJECTION	紅外線阻隔率	50

C20 HP R2

VISIBLE LIGHT TRANSMITTANCE	透光率	18%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	20%
VISIBLE LIGHT REFLECTANCE	光反射率	12/40
SHADING COEFFICIENT	遮蓋率	0.0.4
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	65%
INFRA RED REJECTION	紅外線阻隔率	263

C20 HP

VISIBLE LIGHT TRANSMITTANCE	透光率	21%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	24%
VISIBLE LIGHT REFLECTANCE	光反射率	7/18
SHADING COEFFICIENT	遮蓋率	0.49
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	58%
INFRA RED REJECTION	紅外線阻隔率	50

C25 HP

VISIBLE LIGHT TRANSMITTANCE	透光率	30%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	32%
VISIBLE LIGHT REFLECTANCE	光反射率	9/22
SHADING COEFFICIENT	遮蓋率	0.53
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	53%
INFRA RED REJECTION	紅外線阻隔率	50

GN(II) NL35 HP

VISIBLE LIGHT TRANSMITTANCE	透光率	18%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	20%
VISIBLE LIGHT REFLECTANCE	光反射率	11/36
SHADING COEFFICIENT	遮蓋率	0.4
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	65%
INFRA RED REJECTION	紅外線阻隔率	63

GP 05L HP

VISIBLE LIGHT TRANSMITTANCE	透光率	4%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	18%
VISIBLE LIGHT REFLECTANCE	光反射率	6%
SHADING COEFFICIENT	遮蓋率	0.40
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	65%
INFRA RED REJECTION	紅外線阻隔率	40

GP 20L HP

VISIBLE LIGHT TRANSMITTANCE	透光率	16%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	30%
VISIBLE LIGHT REFLECTANCE	光反射率	6%
SHADING COEFFICIENT	遮蓋率	0.54
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	53%
INFRA RED REJECTION	紅外線阻隔率	38

GP 50L HP

VISIBLE LIGHT TRANSMITTANCE	透光率	34%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	37%
VISIBLE LIGHT REFLECTANCE	光反射率	8%
SHADING COEFFICIENT	遮蓋率	0.61
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	48%
INFRA RED REJECTION	紅外線阻隔率	37

XYM 30 HP

VISIBLE LIGHT TRANSMITTANCE	透光率	18%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	20%
VISIBLE LIGHT REFLECTANCE	光反射率	12/40
SHADING COEFFICIENT	遮蓋率	0.4
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	65%
INFRA RED REJECTION	紅外線阻隔率	63

XYM 40 HP

VISIBLE LIGHT TRANSMITTANCE	透光率	27%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	25%
VISIBLE LIGHT REFLECTANCE	光反射率	21/26
SHADING COEFFICIENT	遮蓋率	0.42
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	64%
INFRA RED REJECTION	紅外線阻隔率	63

XYM 50 HP

VISIBLE LIGHT TRANSMITTANCE	透光率	39%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	36%
VISIBLE LIGHT REFLECTANCE	光反射率	14/22
SHADING COEFFICIENT	遮蓋率	0.57
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	51%
INFRA RED REJECTION	紅外線阻隔率	50

NL 20R HP

VISIBLE LIGHT TRANSMITTANCE	透光率	18%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	13%
VISIBLE LIGHT REFLECTANCE	光反射率	58%
SHADING COEFFICIENT	遮蓋率	0.25
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	78%
INFRA RED REJECTION	紅外線阻隔率	80

NL 35R HP

VISIBLE LIGHT TRANSMITTANCE	透光率	36%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	28%
VISIBLE LIGHT REFLECTANCE	光反射率	38%
SHADING COEFFICIENT	遮蓋率	0.43
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	63%
INFRA RED REJECTION	紅外線阻隔率	65

NL 50R HP

VISIBLE LIGHT TRANSMITTANCE	透光率	49%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	38%
VISIBLE LIGHT REFLECTANCE	光反射率	26%
SHADING COEFFICIENT	遮蓋率	0.56
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	52%
INFRA RED REJECTION	紅外線阻隔率	51

GN NL GN

VISIBLE LIGHT TRANSMITTANCE	透光率	11%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	15%
VISIBLE LIGHT REFLECTANCE	光反射率	14
SHADING COEFFICIENT	遮蓋率	0.36
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	69
INFRA RED REJECTION	紅外線阻隔率	63

CH NL CH

VISIBLE LIGHT TRANSMITTANCE	透光率	9%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	16%
VISIBLE LIGHT REFLECTANCE	光反射率	14%
SHADING COEFFICIENT	遮蓋率	0.38
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	67%
INFRA RED REJECTION	紅外線阻隔率	61

SP 20C

VISIBLE LIGHT TRANSMITTANCE	透光率	22%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	16%
VISIBLE LIGHT REFLECTANCE	光反射率	15/19
SHADING COEFFICIENT	遮蓋率	0.41
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	65%
INFRA RED REJECTION	紅外線阻隔率	80

SP 30C

VISIBLE LIGHT TRANSMITTANCE	透光率	28%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	21%
VISIBLE LIGHT REFLECTANCE	光反射率	11/19
SHADING COEFFICIENT	遮蓋率	0.45
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	61%
INFRA RED REJECTION	紅外線阻隔率	73

SP 40C

VISIBLE LIGHT TRANSMITTANCE	透光率	38%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	29%
VISIBLE LIGHT REFLECTANCE	光反射率	12/14
SHADING COEFFICIENT	遮蓋率	0.52
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	55%
INFRA RED REJECTION	紅外線阻隔率	64

SP 50C

VISIBLE LIGHT TRANSMITTANCE	透光率	50%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	47%
VISIBLE LIGHT REFLECTANCE	光反射率	7/9
SHADING COEFFICIENT	遮蓋率	0.7
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	40%
INFRA RED REJECTION	紅外線阻隔率	38

SP 10NV

VISIBLE LIGHT TRANSMITTANCE	透光率	11%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	9%
VISIBLE LIGHT REFLECTANCE	光反射率	59%
SHADING COEFFICIENT	遮蓋率	0.24
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	79%
INFRA RED REJECTION	紅外線阻隔率	86

SP 20NV

VISIBLE LIGHT TRANSMITTANCE	透光率	22%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	18%
VISIBLE LIGHT REFLECTANCE	光反射率	37%
SHADING COEFFICIENT	遮蓋率	0.37
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	68%
INFRA RED REJECTION	紅外線阻隔率	78

SP 30NV

VISIBLE LIGHT TRANSMITTANCE	透光率	32%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	28%
VISIBLE LIGHT REFLECTANCE	光反射率	19%
SHADING COEFFICIENT	遮蓋率	0.5
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	57%
INFRA RED REJECTION	紅外線阻隔率	66

SP 40NV

VISIBLE LIGHT TRANSMITTANCE	透光率	39%
SOLAR ENERGY TRANSMITTANCE	熱穿透率	33%
VISIBLE LIGHT REFLECTANCE	光反射率	19%
SHADING COEFFICIENT	遮蓋率	0.54
U.V. TRANSMITTANCE	U 值	<1
SOLAR ENERGY REJECTION	熱反射率	53%
INFRA RED REJECTION	紅外線阻隔率	64



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