



EVERY SINGLE DAY WITH XERA CREATIVE

Our unique creations
cannot be found anywhere else.
Make the dream window your reality.



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노블레스 NOBLESSE

매직 MAGIC COLLECTION

- 엘리제매직 / ELYSEE MAGIC
- 블라인드매직 / BLIND MAGIC
- 씨걸 / SEAGULL
- 오픈그레이스 / OPEN GRACE
- 팀버매직 / TIMBER MAGIC
- 엠포이어 / EMPIRE
- 레인보우매직 / RAINBOW MAGIC
- 갤럭시 / GALAXY
- 로드스타 / LODESTAR
- 첼로매직 / CELLO MAGIC
- 아이리스 / IRIS
- 듀오매직 / DUO MAGIC
- 줄리엣 / JULIET



Acquired GREENGUARD Certification by UL U.S – international safety standard certification institution

It's the eco-friendly product which is suitable to install
in schools and hospitals because it passed 360 kinds of
chemical materials detection test by UL, which is a global
institution in United States.



Far infrared ray



Antibacterial



Deodorization



UV Protection



Mite Prevention



GREENGUARD Certification

GREENGUARD certification makes you feel more comfortable



Acquired GREENGUARD Certification by UL
U.S – international safety standard certification institution

It's the product recommended for people who don't use curtains
because of frequent allergic reactions, weak skin, and weak respiratory
system.

FDA Antibacterial fibers

Multi-functional Blinds for Healthy Environment! ATB-UV+



A future generation of antibacterial textile, ATB-UV+ is cutting-edge
textile which provide healthy environment by anti-bacterial functionality
of 99.9% by silver.



Antibacterial



Deodorization



UV Protection



Mite Prevention

Far infrared ray

Bio Product plus far-infrared health



Quality certification designated
company of Korea Far Infrared
Association

Deodorization and humidity control effects have been added through
functional materials emitting far infrared rays.

FAR INFRARED RADIATION RATE 89.3%

Thermal
action



Far infrared ray

Antibacterial
action



Antibacterial

Blood
circulation



Deodorization

Humidity
control



UV Protection

Excellent
deodorizing
power



Mite Prevention

Acquired GREENGUARD Certification by UL U.S – international safety standard certification institution



UL U.S was founded in 2001 for protecting human health and quality of life from chemical material exposure & Indoor Air Quality. Our Bio collection products acquired GREENGUARD Certification.

What is Green Guard?

Environmental Evaluation Research Institute for UL Certification of the US

It is a global safety certification company that has been trusted across the world, and offers certification by applying strict criteria for all products that can affect indoor air quality.

Eco-friendly certification for indoor air quality

It is considerably difficult to obtain this certification due to strict criteria in test methods and criteria, sampling and the number of tests. Therefore, a product that has obtained this certification is an eco-friendly product so it is a criterion for purchase.

Strict criteria through consideration of harmfulness for humans

Gold certification covers safety for children and respiratory patients sensitive to environments, and certified products are proper for use even in schools and medical facilities.

Possible environment protection just by using Greenguard certified products

It is international certification that can be achieved only if all manufacturing processes are eco-friendly.



GREENGUARD Gold Certification

GREENGUARD carefully measures the emission of chemical substances which are volatilized in the atmosphere (Carcinogen, Formaldehyde, Respiratory Dust etc...) that may cause allergy, respiratory disturbance, neurological disorder.

Greenguard Gold Certification

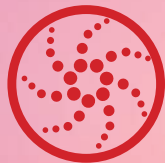


Greenguard Certification



FAR INFRARED RAY

Health is added to Bio Blinds!



Far infrared ray



Antibacterial



Deodorization



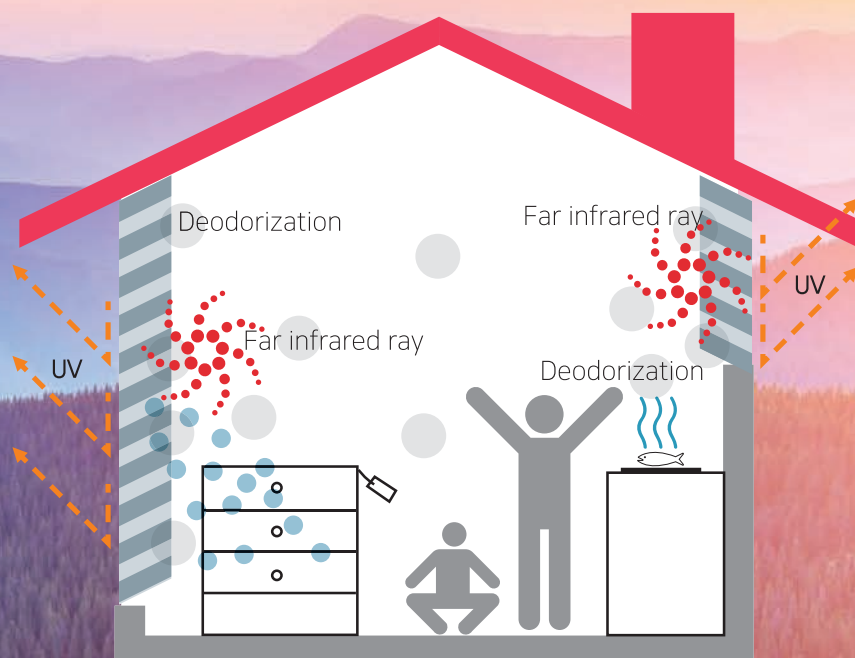
UV Protection



Mite Prevention

FAR INFRARED RAY

It is an infrared ray with a wavelength of 25 μ m or more. It is invisible to human eyes because it has longer wavelengths than visible light. It has a greater thermal action and strong penetration power. In addition, it shows a strong resonance and resonant action to organic compound molecules. Based on these properties, it has been widely applied to various industries and medical fields.



FAR INFRARED RAY

Health is added to Bio Blinds!

BIO
COLLECTION



Deodorization and humidity control effects have been added through functional materials emitting far infrared rays.

Far infrared radiation rate
89.3%

Far infrared rays of yellow soil radiation rate 93%

You can protect health of your family with Magic far infrared ray effects using far infrared functional yarns for bio products.

Efficacy of Far-infrared rays

- Have the most beneficial wavelengths for the human body and penetrate into our skin deeply, making our body warm and relaxed.
- Helpful for eliminating bacteria that are reasons of various diseases.
- Useful in expanding capillary blood vessels and helping blood circulation.
- Possible to promote metabolism, and prevent aging, chronic fatigue and adult diseases by activating cellular tissues.
- Useful in promoting perspiration, relieving pains, removing heavy metals, promoting deep sleep, deodorizing, preventing mold growth, dehumidifying, and purifying air.

Thermal action

Antibacterial action

Blood circulation

Humidity control

Excellent deodorizing power

■ TEST REPORT ■

01. Colorfastness to light : (KS K ISO 105 B02 : 2014, Xenon-Arc-Lamp, Blue Scale) : Grade

	#1
Blue Scale 5	Above 5
Blue Scale 6	Above 6

02. Efficiency of Deodorization (Fiti ftm-5-2 : 2004) : %

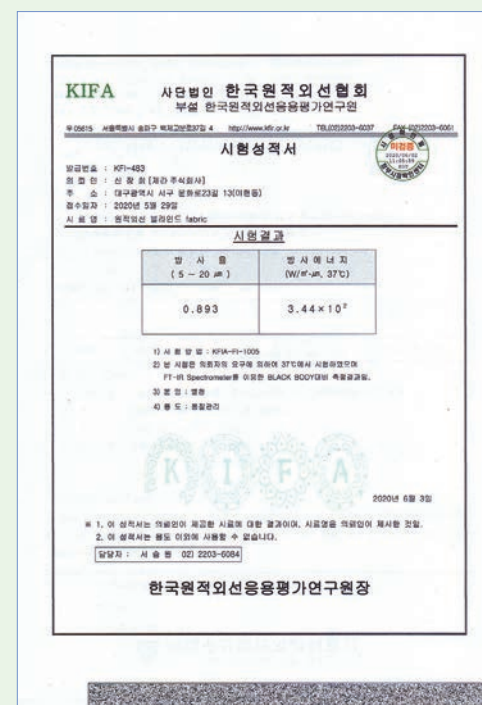
	#1
Ammonia	29.0

- Note) • Sample : 10cm × 10cm
• Gas Bag Size : 5L
• Amount of gas packed : 3L
• Elapsed Time : After 2 Hours
- Initial Concentration : Ammonia(100ppm)
• Deodorization efficiency(%) = $((C_b - C_s)/C_b) \times 100$
- C_b : Blank, Concentration of the test gas remained in the gas bag after 2 hours
- C_s : sample, Concentration of the test gas remained in the gas bag after 2 hours

03. Antibacterial activity of textiles(ks k 0693 : 2016) : cells/mL, Bacteriostatic reduction rate %

		BLANK	#1
Bacteria 1	At beginning	1.8×10^4	—
	after 18 h	8.7×10^6	1.8×10^4
	Bacteriostatic Reduction Rate	—	99.8
Bacteria 2	At beginning	1.8×10^4	—
	after 18 h	2.7×10^7	2.5×10^5
	Bacteriostatic Reduction Rate	—	99.1

- Note) Standard Fabric : Cotton
Nonionic surfactant agents : TWEEN 80, 0.05%
Test bacteria: Bacteria 1—Staphylococcus aureus ATCC 6538, / Bacteria 2—Klebsiella pneumoniae ATCC 4352.



Korea Far Infrared association test report

원적외선 제우스 암막

ZEUS FAR INFRARED RAY



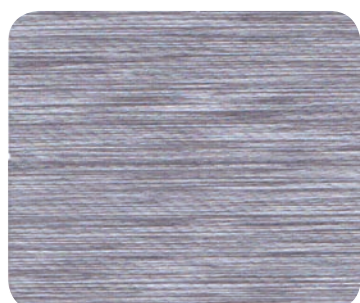
IX 5801 WHITE / 화이트



IX 5803 LIGHT GREY / 라이트 그레이



IX 5804 LIGHT BEIGE / 라이트 베이지



IX 5805 GREY / 그레이



IX 5806 OLIVE GOLD / 올리브골드



IX 5807 LIGHT GREEN / 연그린



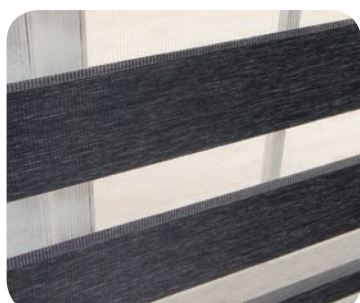
IX 5808 BLUE / 블루



IX 5809 CHARCOAL / 차콜



IX 5810 NAVY / 네이비



IX 5802 MUSHROOM / 머쉬룸



친환경인증획득



원적외선인증획득



원적외선
Far Infrared ray



항균
Antibacterial



탈취
Deodorization



UV차단
UV Protection



진드기 방지
Mite Prevention

원적외선 제우스 암막

ZEUS FAR INFRARED RAY



Technical Data

• Composition	Polyester 100%
• Thickness	0.52mm±5%
• Weight	205.2g / m ² ±5%
• Width	280cm
• Tensile strength	Warp 2700dan
• Packing	40m/roll
• Fastness to light	Above 4 grade

원적외선 마즈

암막

방염
가능

MARS FAR INFRARED RAY



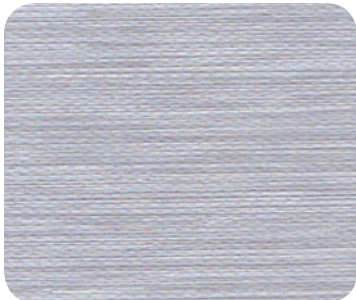
IM 5811 WHITE / 화이트

방염가능



IM 5812 MUSHROOM / 머쉬룸

방염가능



IM 5813 LIGHT GREY / 라이트 그레이

방염가능



IM 5814 LIGHT BEIGE / 라이트 베이지

방염가능



IM 5816 OLIVE GOLD / 올리브골드

방염가능



IM 5817 LIGHT GREEN / 연그린

방염가능

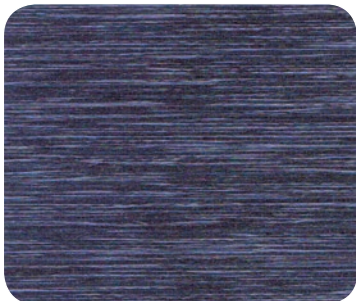


IM 5818 BLUE / 블루

방염가능

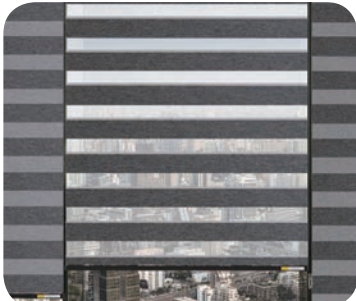


IM 5819 CHARCOAL / 차콜



방염가능

IM 5815 GREY / 그레이



IM 5820 NAVY / 네이비



원적외선 마즈

암막

방염
가능

MARS FAR INFRARED RAY

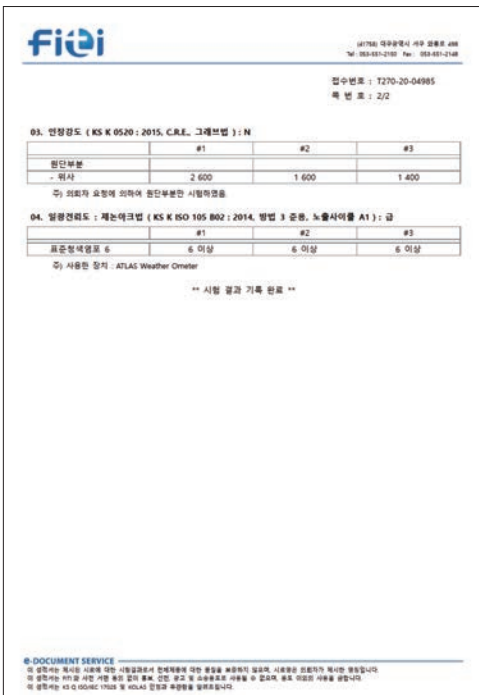
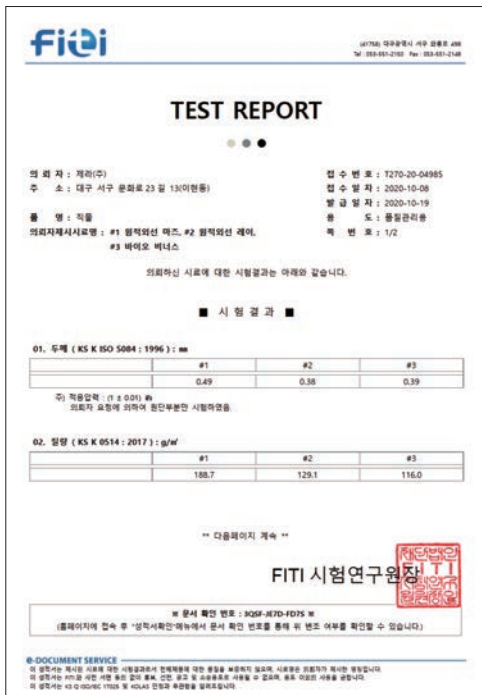
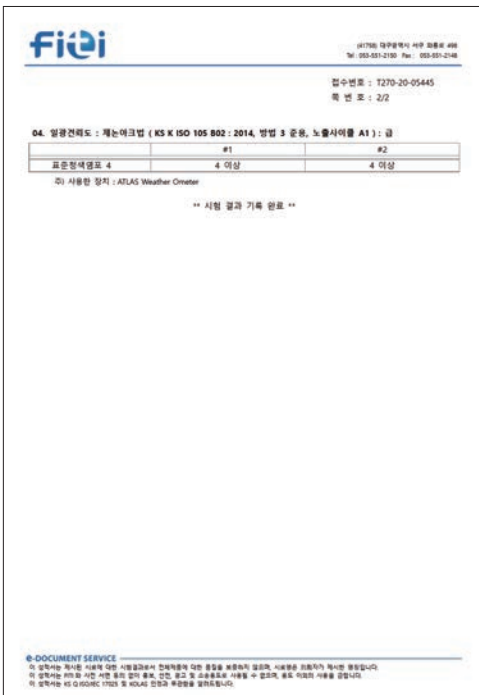
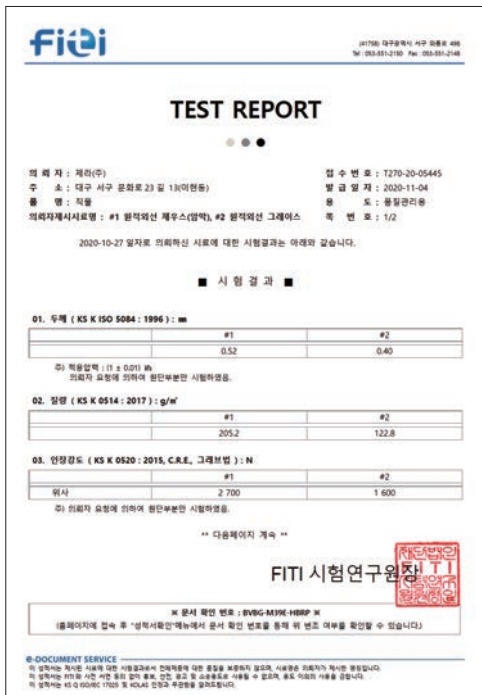


Technical Data

• Composition	Polyester 100%
• Thickness	0.49mm ±5%
• Weight	188.7g /m ² ±5%
• Width	280cm
• Tensile strength	Warp 2600dan
• Packing	40m/roll
• Fastness to light	Above 6 grade



korea Far Infrared association test report



Fiti test Report

FAR INFRARED RAY

HEALTH IS ADDED TO BIO BLINDS!

Deodorization and humidity control effects have been added through functional materials emitting far infrared rays.



Far infrared ray



Antibacterial



Deodorization



UV Protection



Mite Prevention



원적외선 레이
RAY FAR INFRARED RAY



IR 5901 WHITE / 화이트



IR 5902 IVORY / 아이보리



IR 5903 MUSHROOM / 머쉬룸



IR 5904 LIGHT GREY / 라이트 그레이



IR 5905 LIGHT BEIGE / 라이트 베이지



IR 5907 OLIVE GOLD / 올리브골드



IR 5908 LIGHT GREEN / 연그린



IR 5909 BLUE / 블루



IR 5906 GREY / 그레이



IR 5910 CHARCOAL / 차콜



IR 5911 NAVY / 네이비



친환경인증획득



원적외선인증획득



원적외선 레이
RAY FAR INFRARED RAY



Technical Data

• Composition	Polyester 100%
• Thickness	0.38mm±5%
• Weight	129.1g / m ² ±5%
• Width	280cm
• Tensile strength	Warp 1600dan
• Packing	50m/roll
• Fastness to light	Above 6 grade

원적외선 그레이스
GRACE FAR INFRARED RAY



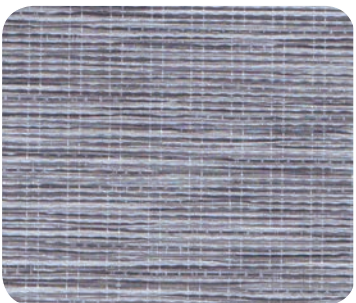
IG 5921 WHITE / 화이트



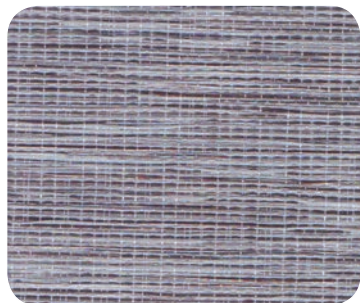
IG 5923 BEIGE / 베이지



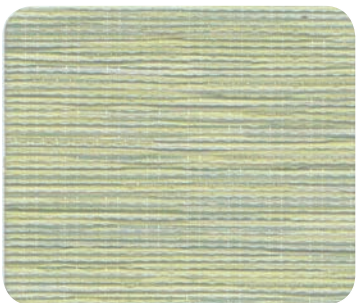
IG 5924 LIGHT GREY / 라이트 그레이



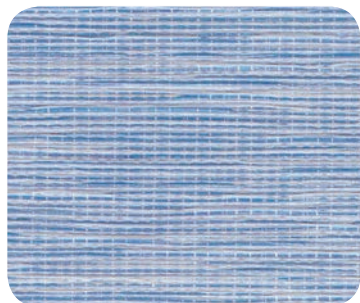
IG 5925 GREY / 그레이



IG 5926 LIGHT BROWN / 라이트 브라운



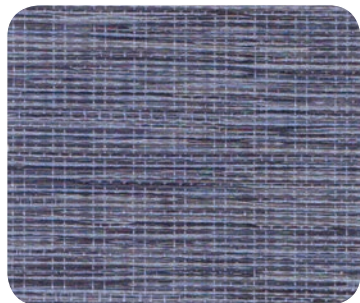
IG 5927 GREEN / 그린



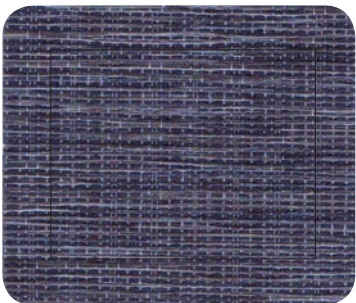
IG 5928 BLUE / 블루



IG 5929 WINE / 와인



IG 5930 NAVY / 네이비



IG 5931 INK BLUE / 잉크 블루



IG 5922 MUSHROOM / 머쉬룸



친환경인증획득



원적외선인증획득



원적외선 그레이스
GRACE FAR INFRARED RAY



Technical Data

• Composition	Polyester 100%
• Thickness	0.40mm±5%
• Weight	122.8,2g / m ² ±5%
• Width	280cm
• Tensile strength	Warp 1600dan
• Packing	50m/roll
• Fastness to light	Above 4 grade

BIO COLLECTION

Antibacterial / Deodorization / Mite Prevention / UV Protection

Blocking substances causing allergies and atopy by deterring
the intrusion and spread of harmful substances



Antibacterial



Deodorization



UV Protection



Mite Prevention

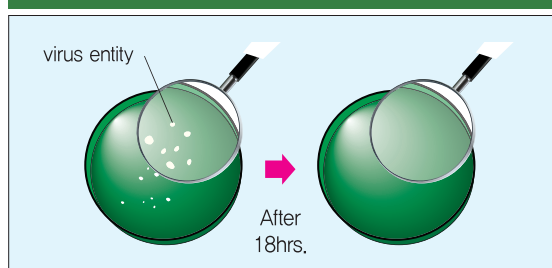
ATB-UV+

Antibacterial fibers

Multi-functional Blinds for Healthy Environment! ATB-UV+

A future generation of antibacterial textile, ATB-UV+ is cutting-edge textile which provide both healthy environment by anti-bacterial functionality of 99.9% by silver.

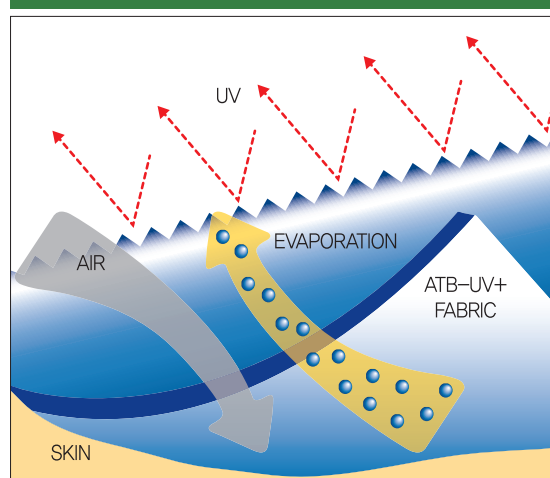
ANTIBACTERIAL TEST



Superior antibacterial performance

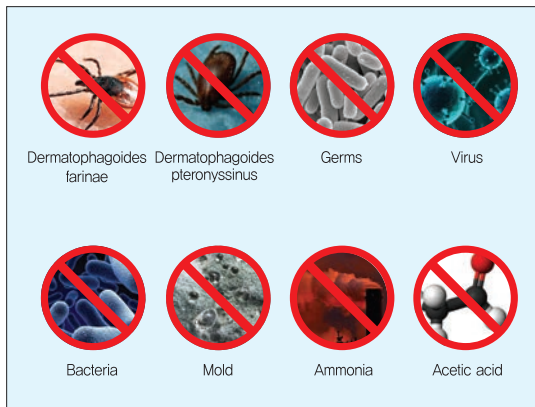
- ATB-UV+ has excellent anti-bacterial effect because it contains silver component with excellent antibacterial properties.
- Unlike the products that are treated after processing, the silver component imposed into the yarn by special technique performs an excellent anti-bacterial effects even after washing several times.
- ATB-UV+ uses silver component approved by FDA.
- ATB-UV prevents the unpleasant smell by suppressing the growth of microbe.

UV - Protection



- It blocks both UV-A(290~300nm) and UV-B(320~400nm), which can reach deeper into skin.

Blocking and Preventing of harmful substance, Deodorization, Anti-bacteria Effect



TEST REPORT

01. Efficiency of Deodorization (Fiti ftm-5-2 : 2004) : %

	#1	#2
Ammonia	22,1	28,5

- Note) • Sample : 10cm×10cm • Initial Concentration : Ammonia(100ppm)
 • Gas Bag Size : 5L • Deodorization efficiency(%) = ((Cb - Cs/Cb) × 100
 • Amount of gas packed : 3L - Cb : Blank, Concentration of the test gas remained in the gas bag after 2 hours
 • Elapsed Time : After 2 Hours - Cs : sample, Concentration of the test gas remained in the gas bag after 2 hours

01. ULTRA VIOLET BLOCKING (KS K 0850 : 2014) : %

	#1	#2
UV-R BLOCKING	99,6	>99,9
(UV-A BLOCKING	99,5	>99,9
UV-B BLOCKING	99,9	99,9

- Note) •Wavelength range : UV-R : (290 ~ 400) nm • Wavelength Interval : 5nm
 UV-A : (315 ~ 400) nm • Measuring Instrument : UV-VIS-NIR SPECTROPHOTOMETER
 UV-B : (290 ~ 315) nm • #3, #4 : Only the thick part direction. • >99,9 More than 99,9

03. Antibacterial activity of textiles(ks k 0693 : 2016) : cells/mL, Bacteriostatic reduction rate %

		BLANK	#1	#2
Bacteria 1	At beginning	2.0×10^4	2.0×10^4	2.0×10^4
	after 18 h	3.0×10^6	<10	<10
	Bacteriostatic Reduction Rate	—	99,9	99,9
Bacteria 2	At beginning	2.0×10^4	2.0×10^4	2.0×10^4
	after 18 h	2.8×10^7	<10	<10
	Bacteriostatic Reduction Rate	—	99,9	99,9

- Note) Standard Fabric : Cotton
 Nonionic surfactant agents : TWEEN 80, 0,05%
 Test bacteria: Bacteria 1-Staphylococcus aureus ATCC 6538. / Bacteria 2-Klebsiella pneumoniae ATCC 4352.

Test Photos



Bacteria 1 BLANK Bacteria1 #1 Bacteria1 #2



Bacteria 1 BLANK Bacteria1 #1 Bacteria1 #2

바이오 글로리 BIO GLORY



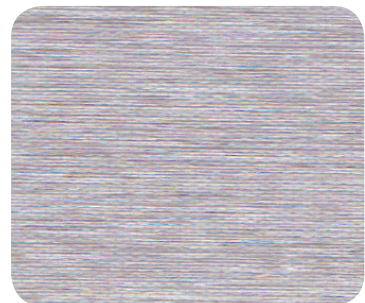
BG 4501 WHITE / 화이트



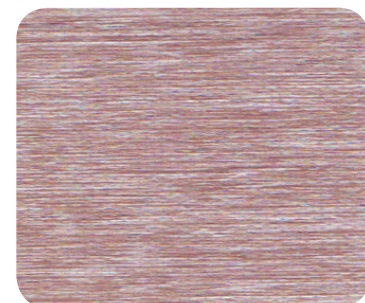
BG 4502 IVORY / 아이보리



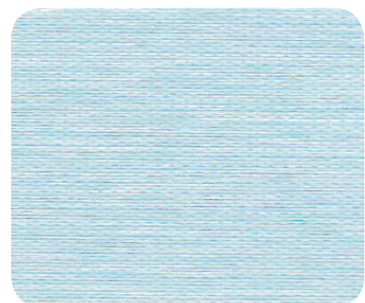
BG 4503 MUSHROOM / 머쉬룸



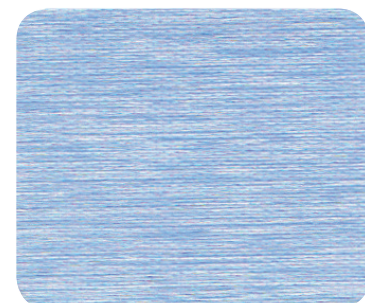
BG 4504 GREY / 그레이



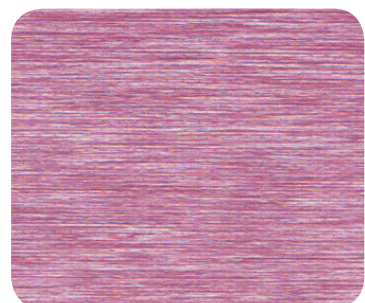
BG 4505 BEIGE / 베이지



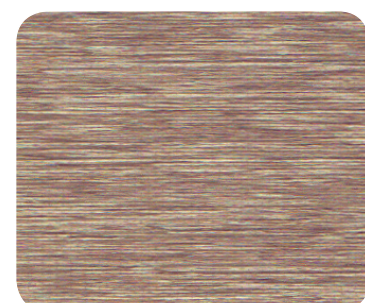
BG 4506 GREEN / 그린



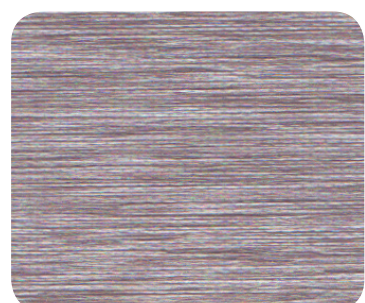
BG 4507 BLUE / 블루



BG 4508 WINE / 와인



BG 4509 BROWN / 브라운



BG 4510 KHAKI / 카키



BG 4511 INK BLACK / 잉크블랙



친환경인증획득



바이오 글로리 BIO GLORY



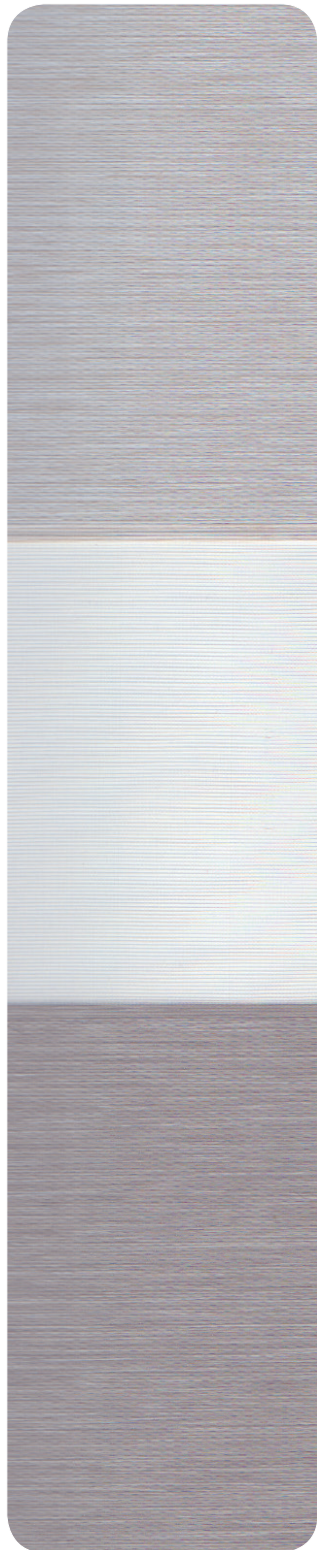
Technical Data

• Composition	Polyester 100%
• Thickness	0.55mm±5%
• Weight	193.70g / m ² ± 5%
• Width	280cm
• Tensile strength	warp 1400dan / weft 2400dan
• Packing	40m/roll
• Elongation	warp 24.6% / weft 12%
• Fastness to light	Above 4 grade

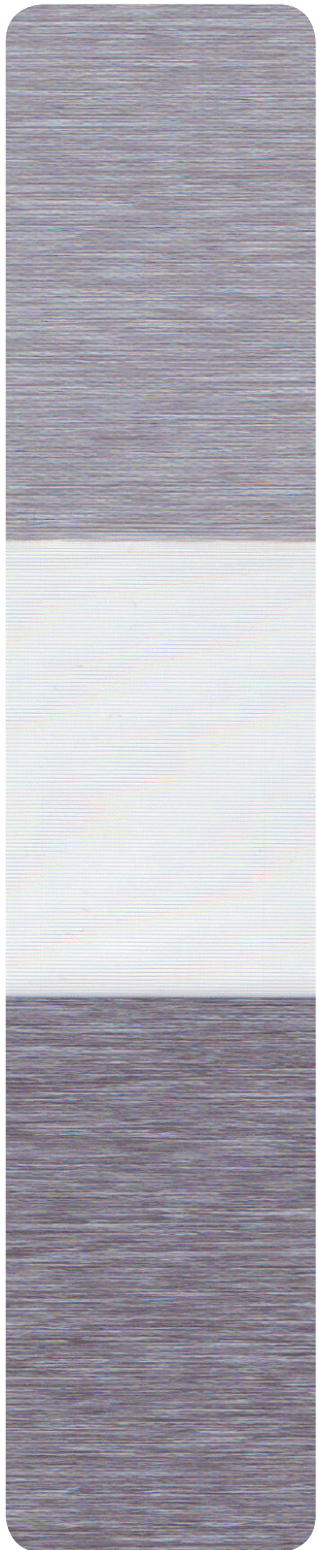
바이오 엘리스 항균압막
BIO ALICE



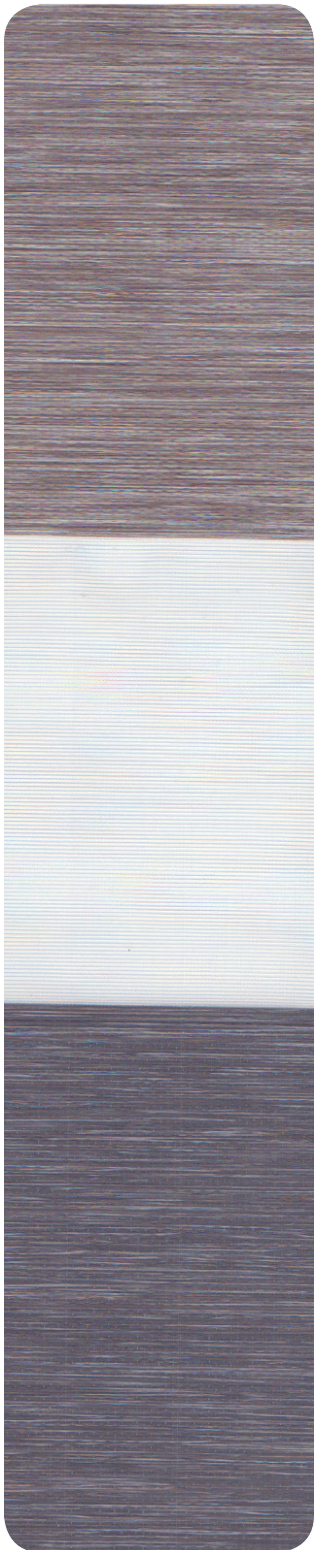
BA 4401



BA 4402



BA 4403



BA 4404



친환경인증획득



바이오 엘리스 항균압막
BIO ALICE



Technical Data

• Composition	Polyester 100%
• THICKNESS	0.50mm±5%
• Weight	207.230g / m ² ±5%
• Width	280cm
• Tensile strength	warp 2400dan / weft 1400dan
• Packing	40m/roll
• Elongation	warp 24.6% / weft 12%
• Fastness to light	Above 4 grade

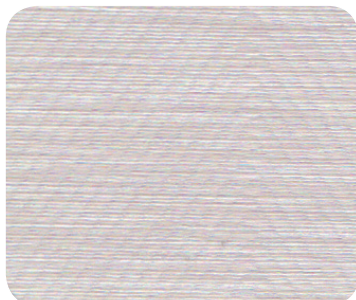
바이오 엘도라 **항균압막**
BIO ELDORA



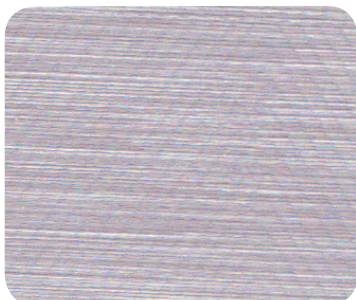
BE 4201 WHITE / 화이트



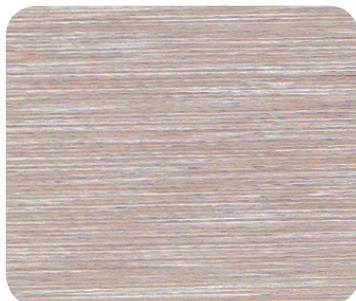
BE 4202 IVORY / 아이보리



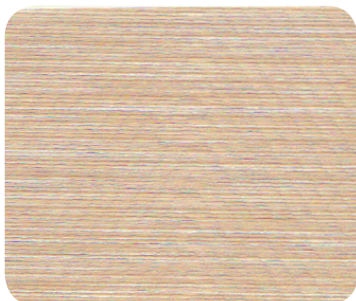
BE 4203 MUSHROOM / 머쉬룸



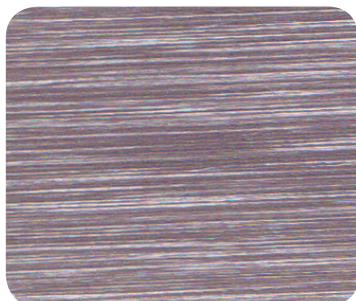
BE 4206 LIGHT GREY / 라이트 그레이



BE 4205 KHAKI / 카키



BE 4204 BEIGE / 베이지



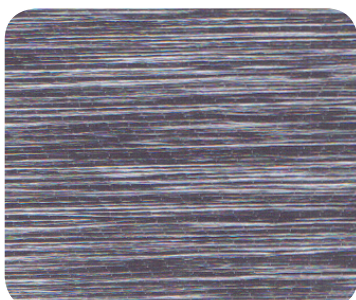
BE 4208 CHOCOLATE CHIP / 초콜렛칩



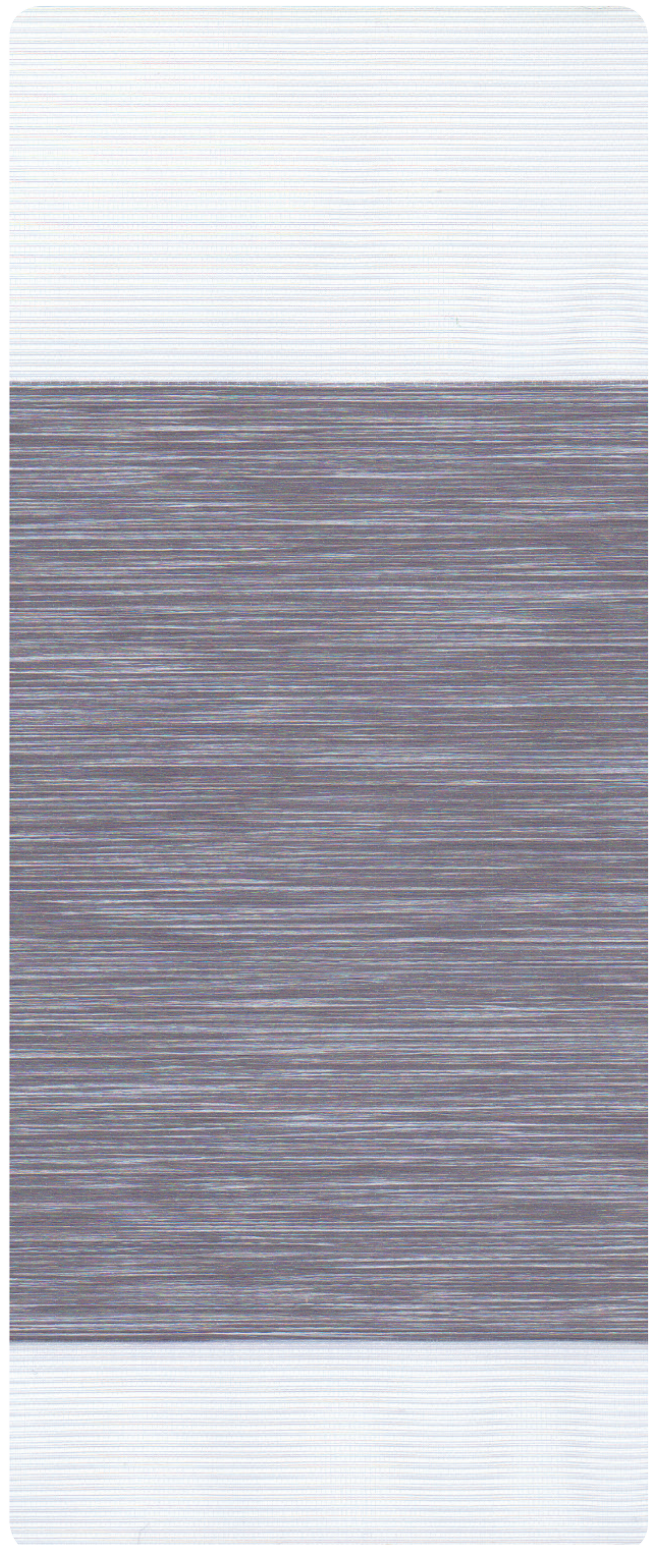
BE 4209 DARK BEIGE / 다크 베이지



BE 4210 BROWN / 브라운



BE 4211 INK BLACK / 잉크블랙



BE 4207 DARK GREY / 그레이



친환경인증획득



바이오 엘도라 **항균압막**
BIO ELDORA



Technical Data

• Composition	Polyester 100%
• Thickness	0.58mm ± 5%
• Weight	349.8g/m ² ± 5%
• Width	280cm
• Tensile strength	weft 2600dan
• Packing	40m/roll
• Elongation	weft 24.1%
• Fastness to light	Above 4 grade

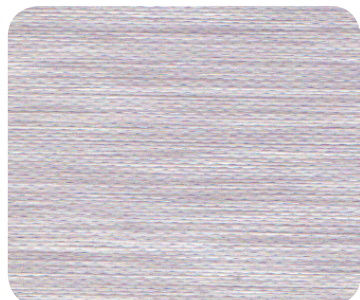
바이오 셀리나
BIO SELNA



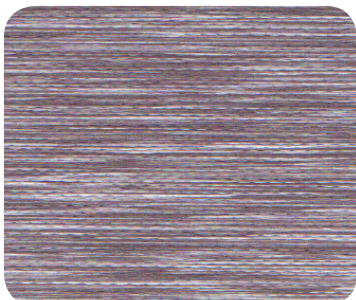
BS 4101 WHITE / 화이트



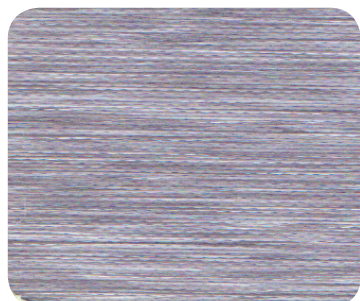
BS 4102 IVORY / 아이보리



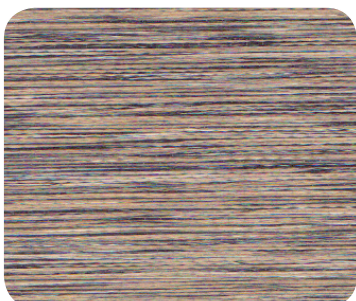
BS 4104 LIGHT GREY / 라이트 그레이



BS 4105 CHOCOLATE CHIP / 초콜렛칩



BS 4106 GREY / 그레이



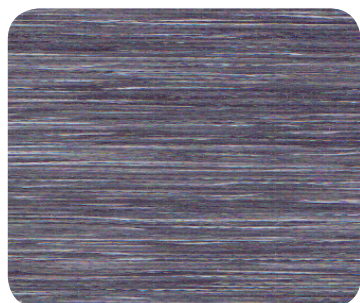
BS 4107 OLIVE GOLD / 올리브 골드



BS 4108 BROWN / 브라운



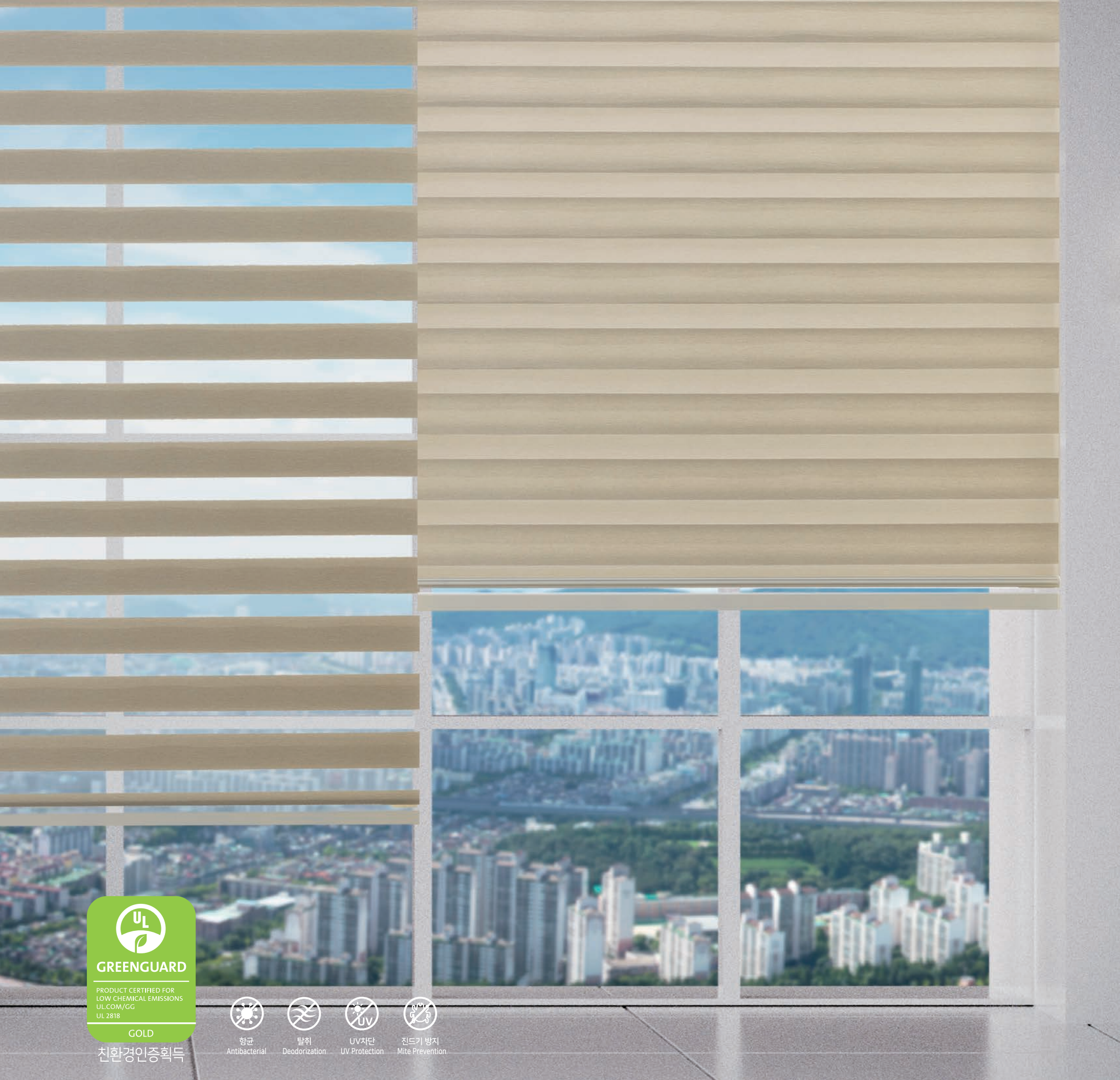
BS 4109 DARK BEIGE / 다크 베이지



BS 4110 CHARCOAL / 차콜



BS 4103 MUSHROOM / 머쉬룸



친환경인증획득



바이오 셀리나
BIO SELNA



Technical Data

• Composition	Polyester 100%
• Thickness	0.58mm±5%
• Weight	362.1g/m ² ±5%
• Width	280cm
• Tensile strength	weft 2900dan
• Packing	40m/roll
• Elongation	weft 31.2%
• Fastness to light	Above 4 grade

바이오 비비안 BIO VIVIAN



BV 4902 MUSHROOM / 머쉬룸



BV 4901 WHITE / 화이트



BV 4903 GREY / 그레이



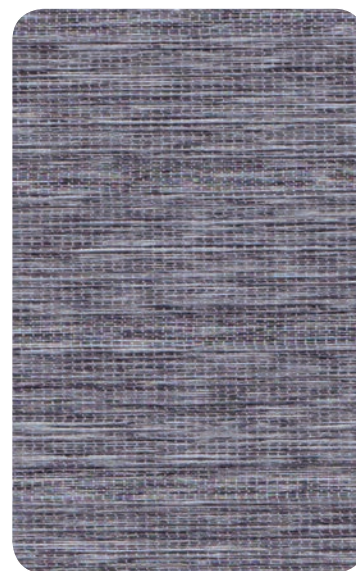
BV 4904 BRWON / 브라운



BV 4905 KHAKE / 카키



BV 4906 OLIVE GOLD / 올리브골드



BV 4907 INK BLACK / 잉크블랙



친환경인증획득



바이오 비비안 BIO VIVIAN



Technical Data

• Composition	Polyester 100%
• Thickness	0.40mm±5%
• Weight	159.61g/m²±5%
• Width	280cm
• Tensile strength	warp 209.5dan / weft 25.2dan
• Packing	50m/roll
• Elongation	warp 23.1% / weft 11.1%
• Fastness to light	Above 4 grade



■ Test RepoRT ■

01. EFFICIENCY OF DEODORIZATION (FITI FTM-5-2 : 2004) : %

	#1	#2
Ammonia	22.1	28.5

note) • Sample : 10cm×10cm
• Gas Bag Size : 5L
• Amount of gas packed : 3L
• Elapsed Time : After 2 Hours
• Initial Concentration : Ammonia(100ppm)
• Deodorization efficiency(%) = ((Cb - Cs/Cb) × 100
- Cb : Blank, Concentration of the test gas ermaind in the gas bag after 2 hours
- Cs : sample, Concentration of the test gas ermaind in the gas bag after 2 hours

01. ULTRA VIOLET BLOCKING (Ks K 0850 : 2014) : %

	#1	#2
UV-R BLOCKING	99.6	>99.9
(UV-A BLOCKING	99.5	>99.9
UV-B BLOCKING	99.9	99.9

note) •Wavelength range : UV-R : (290 ~ 400) nm
UV-A : (315 ~ 400) nm
UV-B : (290 ~ 315) nm
• Wavelength Interval : 5nm
• Measuring Instrument : UV-VIS-nIR SPECTROPHOTOMETER
• #3, #4 :Only the thick part direction. • >99.9 More than 99.9

03. Antibacterial activity of textiles(ks k 0693 : 2016) : cells/ml , Bacteriostatic reduction rate %

Bacteria 1		BLAnk	#1	#2
	At beginning	2.0×10^4	2.0×10^4	2.0×10^4
	after 18 h	3.0×10^6	<10	<10
Bacteriostatic Reduction Rate		—	99.9	99.9
Bacteria 2		BLAnk	#1	#2
	At beginning	2.0×10^4	2.0×10^4	2.0×10^4
	after 18 h	2.8×10^7	<10	<10
Bacteriostatic Reduction Rate		—	99.9	99.9

note) Standard Fabric : Cotton
nonionic surfactant agents : TWEEN 80, 0.05%
Test bacteria: Bacteria 1—Staphylococcus aureus ATCC 6538. / Bacteria 2—klebsiella pneumonisae ATCC 4352.

■ test photos



Bacteria 1 BLAnk

Bacteria 1 : #1 -

Bacteria 2 : BLAnk

Bacteria 2 : #1 -



Antibacterial
Deodorization
Mite Prevention
UV Protection

Blocking substances causing allergies and atopy by deterring the intrusion and spread of harmful substances



바이오 비너스
BIO VENUS



BN 4801 WHITE / 화이트



BN 4802 MUSHROOM / 머쉬룸



BN 4803 GREY / 그레이



BN 4804 KHAKEI / 카키



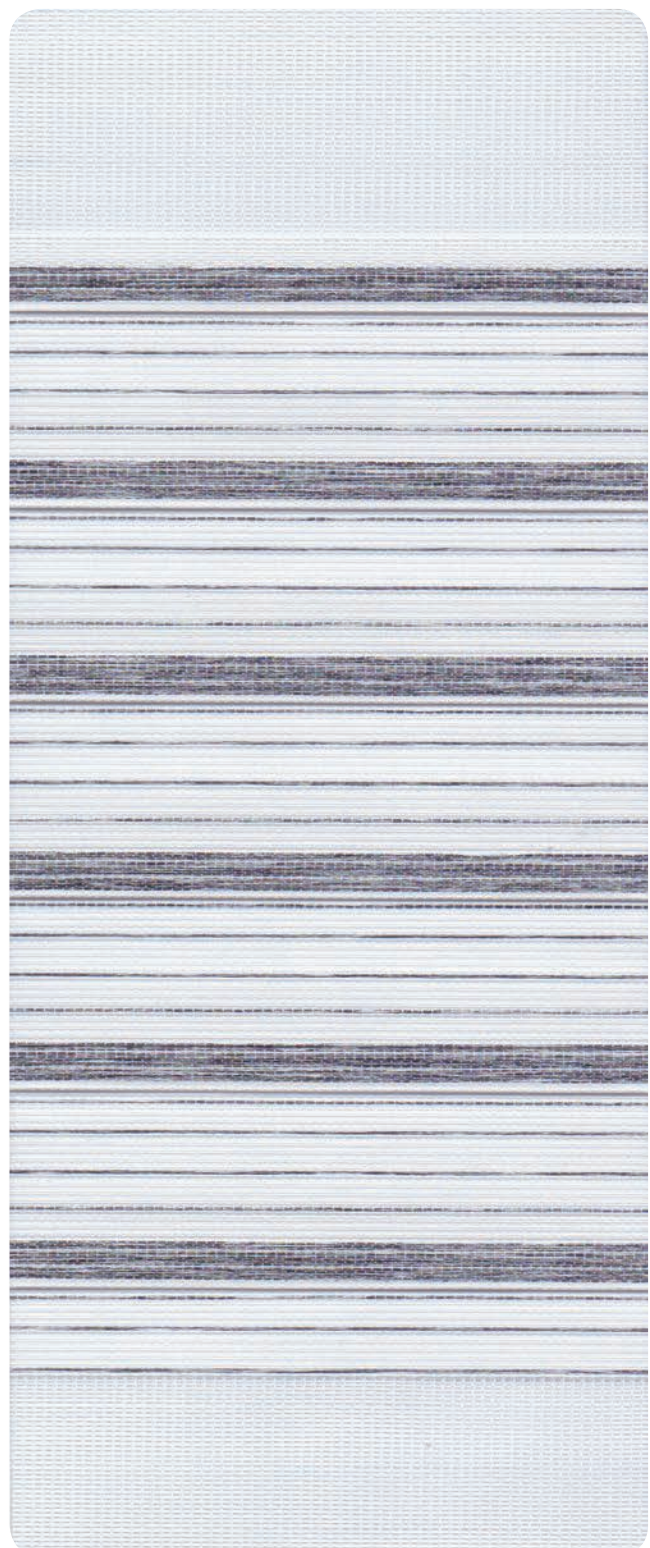
BN 4806 BLUE / 블루



BN 4807 WINE / 와인



BN 4808 BROWN / 브라운



BN 4805 INK BLACK / 잉크블랙



BN 4809 PINK / 핑크



친환경인증획득



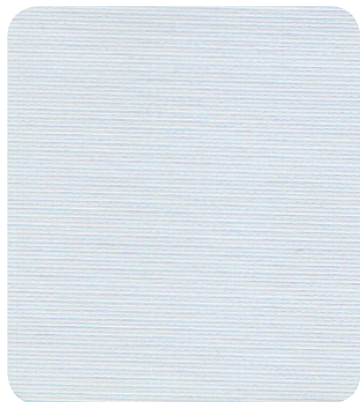
바이오 비너스
BIO VENUS



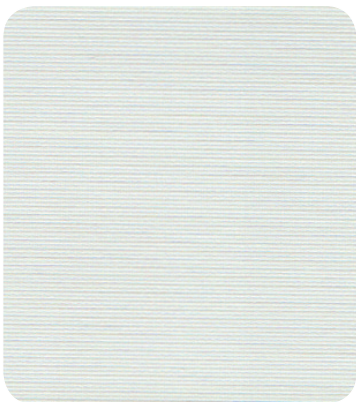
Technical Data

• Composition	Polyester 100%
• Thickness	0,39mm±5%
• Weight	116,0g /m²±5%
• Width	280cm
• Tensile strength	warp 1400dan
• Packing	50m/roll
• Fastness to light	Above 6 grade

바이오 클린셰이드
BIO CLEAN SHADE



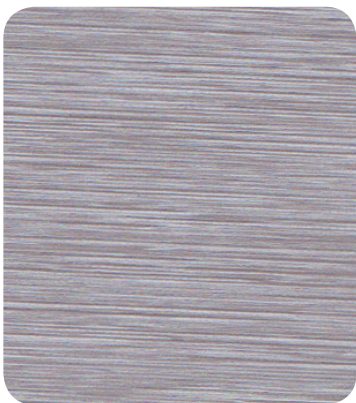
BS 4301 WHITE / 화이트



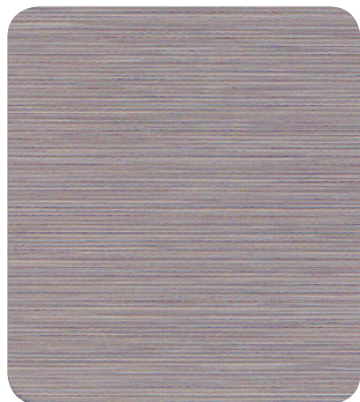
BS 4302 IVORY / 아이보리



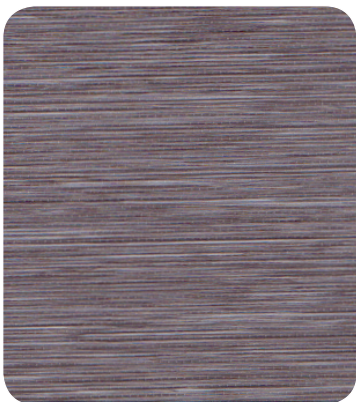
BS 4304 SAND / 샌드



BS 4305 LIGHT GREY / 라이트 그레이



BS 4306 OLIVE GOLD / 올리브골드



BS 4307 DARK GREY / 다크그레이



BS 4308 KHAKI / 카키



BS 4309 INK BLACK / 잉크블랙



BS 4303 MUSHROOM / 머쉬룸



친환경인증획득



바이오 클린셰이드
BIO CLEAN SHADE



Technical Data

• Composition	Polyester 100%
• Thickness	0,34mm±5%
• Weight	116,0g /m²±5%
• Width	280cm
• Tensile strength	warp 1400dan / weft 2400dan
• Packing	50m/roll
• Elongation	warp 11,7% / weft 12%
• Fastness to light	Above 4 grade

바이오 스텔라

항균
압막

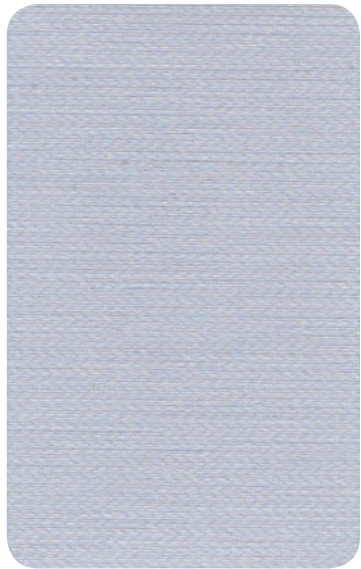
방염
전용

BIO STELLA



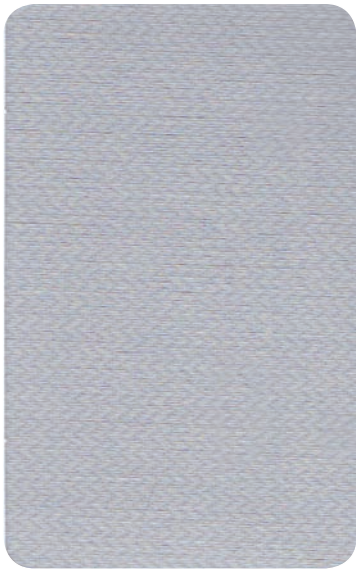
방염전용

BS 5503 MUSHROOM / 머쉬룸



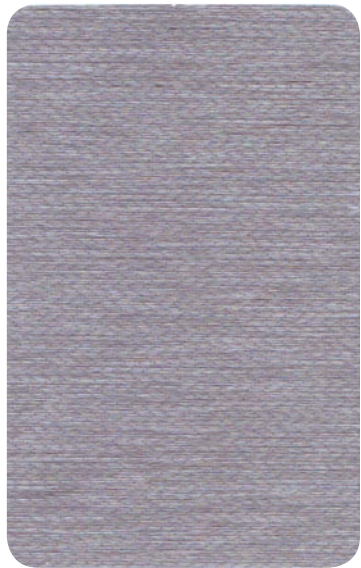
BS 5501 WHITE / 화이트

방염전용



BS 5502 IVORY / 아이보리

방염전용



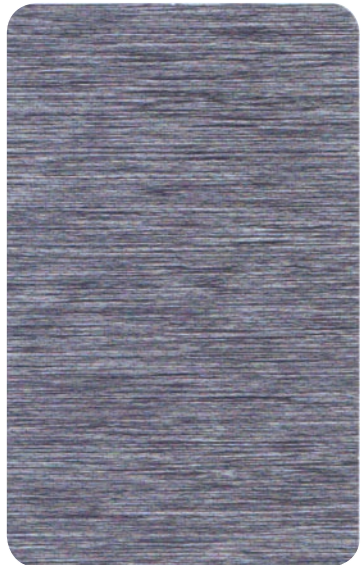
BS 5504 GREY / 그레이

방염전용



BS 5505 KHAKY / 카키

방염전용



BS 5506 INK BLACK / 잉크블랙

방염전용



바이오 스텔라

항균
압막

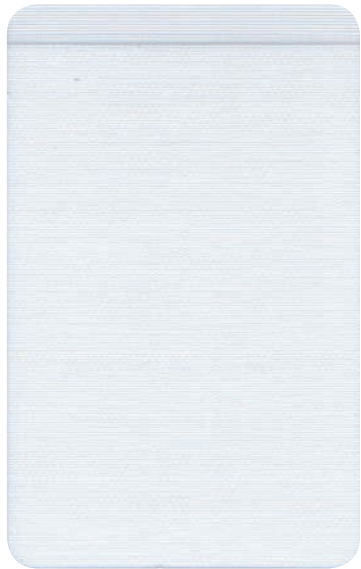
방염
전용

BIO STELLA

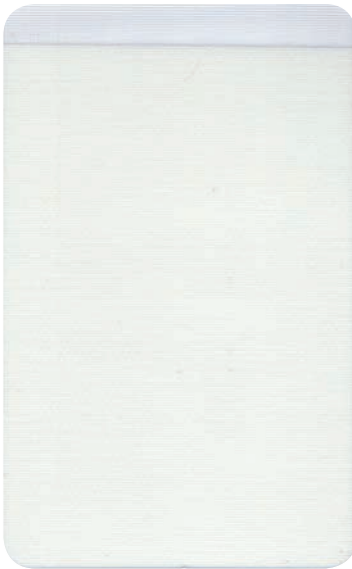


Technical Data	
• Composition	Polyester 100%
• Thickness	0.52mm±5%
• Weight	208g / m ² ±5%
• Width	280cm
• Tensile strength	warp120dan / weft 2400dan
• Packing	40m/roll
• Elongation	warp12.8% / weft 24.5%
• Fastness to light	Above 4 grade

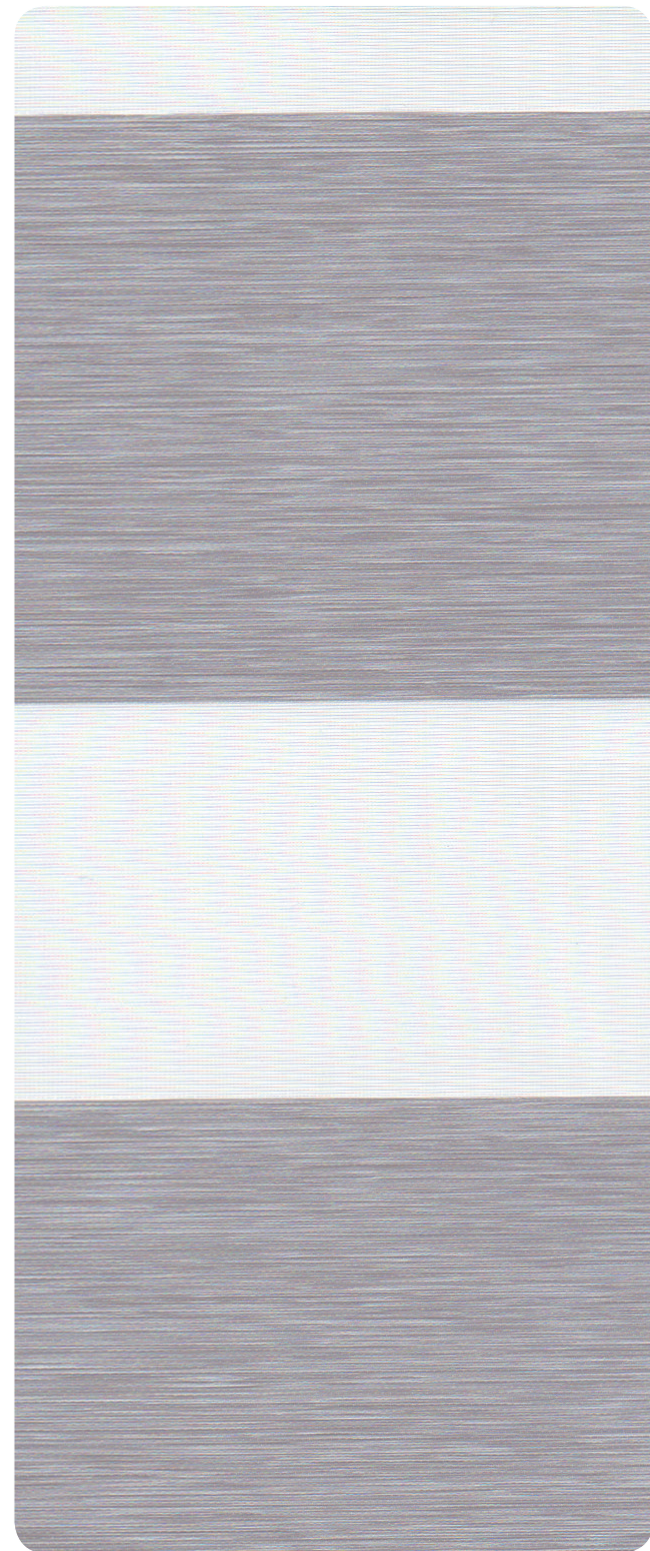
바이오 라임 **방염 전용**
BIO LIME



BL 5401 WHITE / 화이트
 방염전용



BL 5402 IVORY / 아이보리
 방염전용



방염전용 BL 5405 GREY / 그레이



BL 5403 MUSHROOM / 머쉬룸
 방염전용



BL 5404 SAND / 샌드
 방염전용



BL 5406 KHAKI / 카키
 방염전용



BL 5407 INK BLACK / 잉크블랙
 방염전용



친환경인증획득



바이오 라임 **방염 전용**
BIO LIME



Technical Data

• Composition	Polyester 100%
• THICKNESS	0.22mm±5%
• Weight	135.8g /m²±5%
• Width	280cm
• Tensile strength	warp 120dan / weft 890dan
• Packing	50m/roll
• Elongation	warp 12.8% / weft 14.5%
• Fastness to light	Above 4 grade

바이오 루시 **방염 전용**
BIO RUXY



BR 5201 WHITE / 화이트
방염전용



BR 5203 IVORY / 아이보리
방염전용



BR 5202 ICE GREY / 아이스 그레이
방염전용



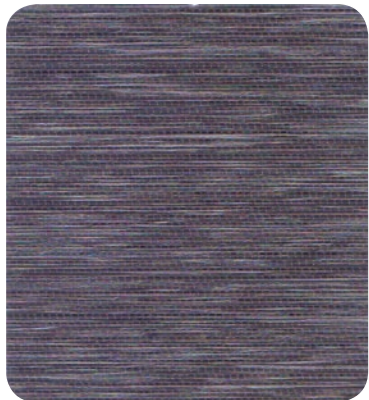
BR 5204 MUSHROOM / 머쉬룸
방염전용



BR 5205 LIGHT GREY / 라이트 그레이
방염전용



BR 5207 KHAKE / 카키
방염전용



방염전용 BR 5206 DARK GREY / 다크 그레이



BR 5208 INK BLACK / 잉크블랙
방염전용



친환경인증획득



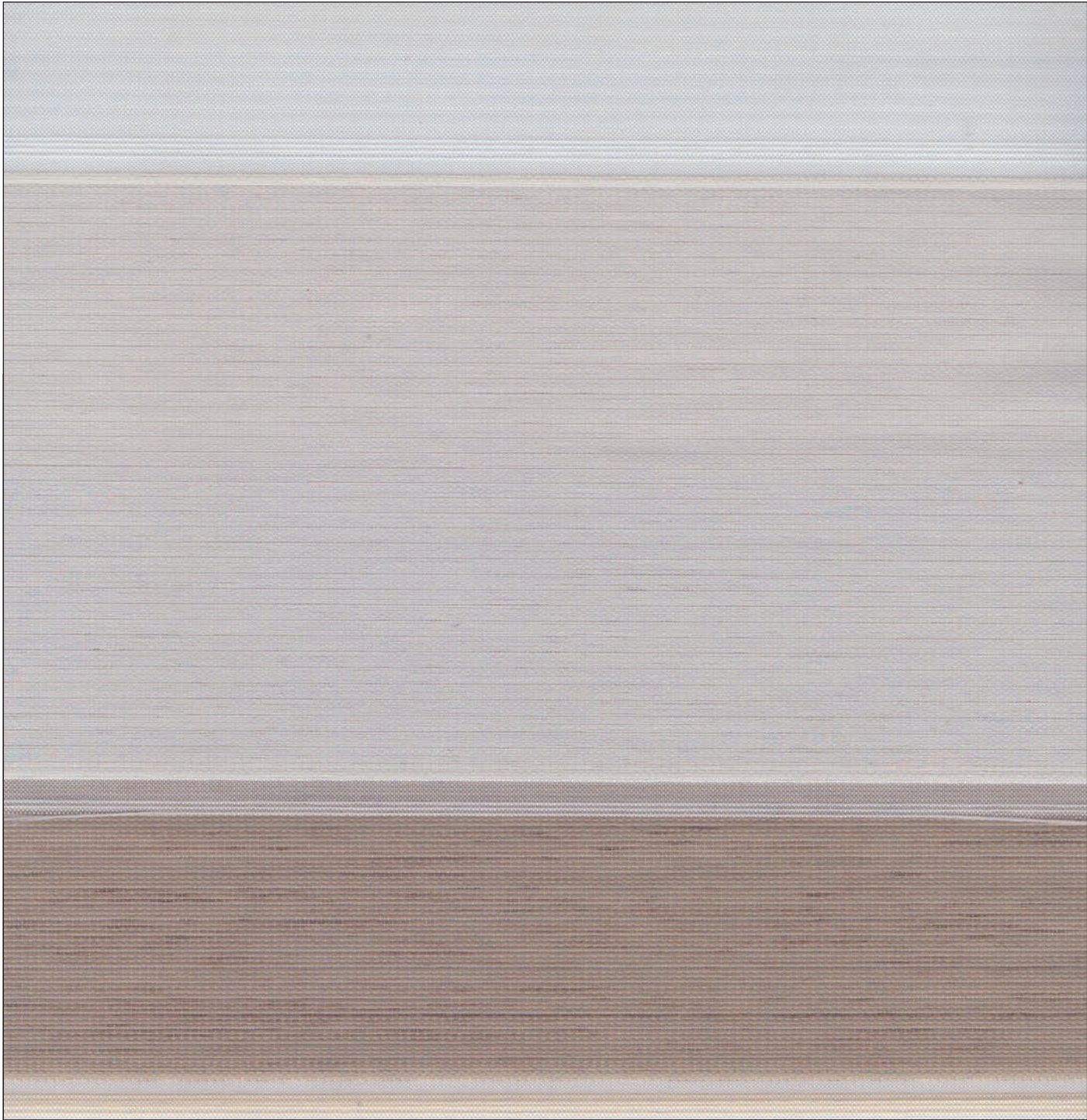
바이오 루시 **방염 전용**
BIO RUXY



Technical Data

• Composition	Polyester 100%
• THICKNESS	0,33mm±5%
• Weight	194,8g /m²±5%
• Width	280cm
• Tensile strength	warp 120dan / weft 1400dan
• Packing	40m/roll
• Elongation	warp 13,2% / weft 18,9%
• Fastness to light	Above 4 grade

노블레스
NOBLESSE



NB 3008
WHITE &
HONEY PEACH
화이트 & 허니피치

NB 3009
NOUGAT &
CHOCOLATE CHIP
누가트 & 초콜릿칩





노블레스

NOBLESSE

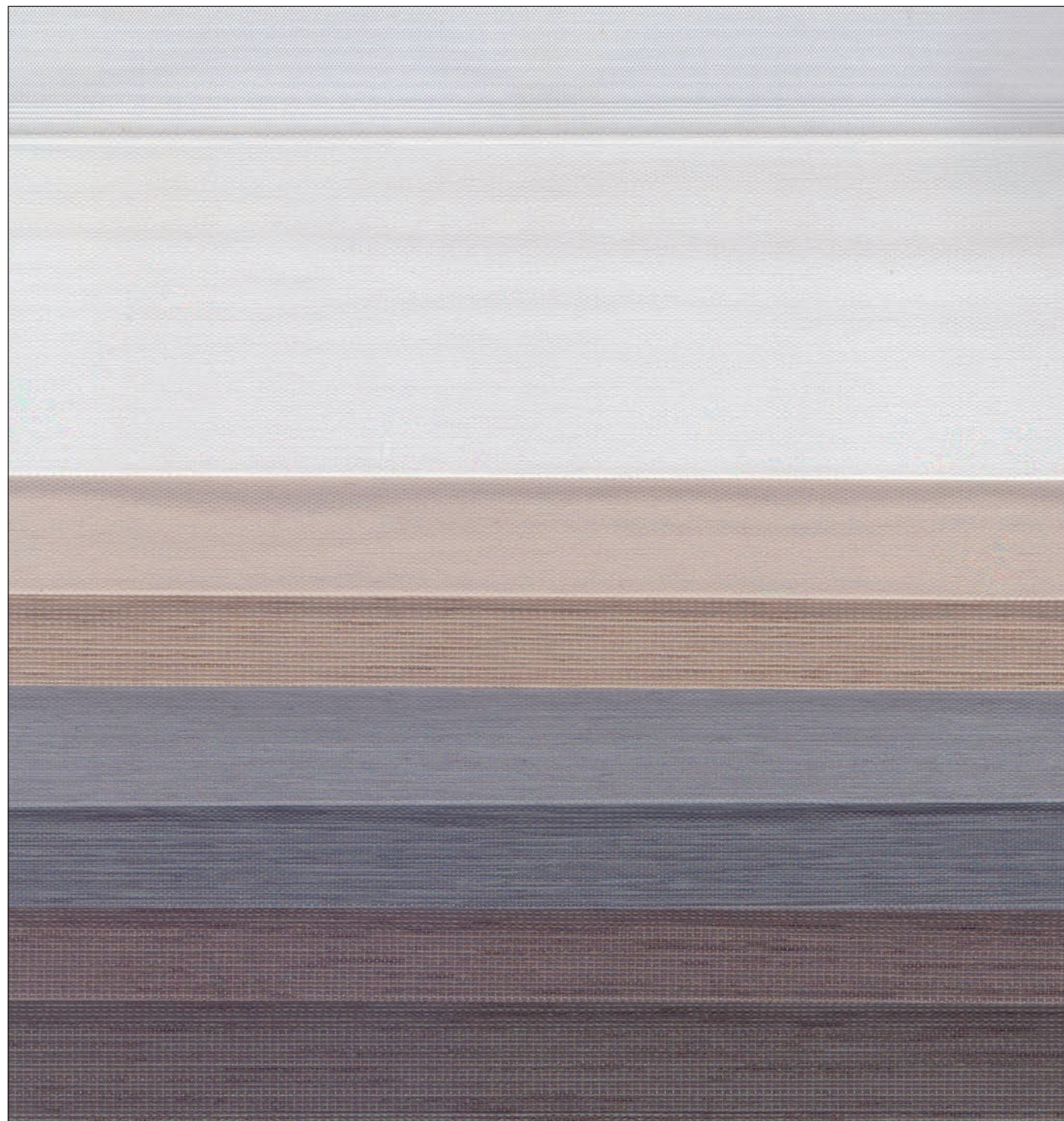


특허등록번호 : 10-0913057 / 200mm
(PATENT No.)

Technical Data

• Composition	Polyester 100%
• Thickness	Solid 0,60mm / Sheer 0,17mm
• Weight	144,90g / m ² ±5%
• Width	300cm
• Tensile strength	Warp 358,5dan / Weft 327,5dan
• Packing	50m/roll
• Elongation	Warp 24.3% / Weft 13.3%
• Fastness to light	Above 4 grade

노블레스 NOBLESSE



NB 3001
WHITE
화이트

NB 3010
IVORY
아이보리

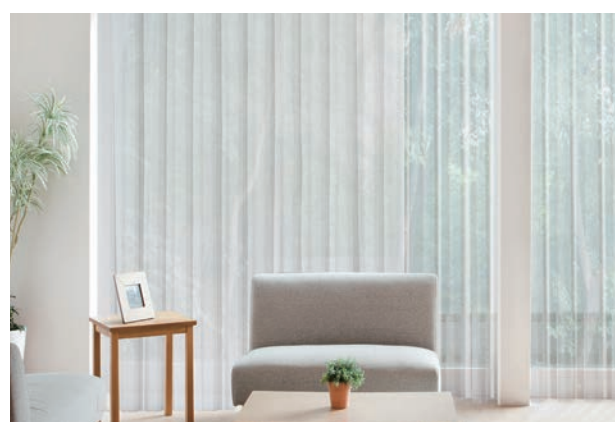
NB 3004
HONEY PEACH
허니피치

NB 3011
GREY / 그레이

NB 3012
DARK GREY
다크그레이

NB 3006
CHOCOLATE CHIP
초콜렛칩

NB 3007
OLIVE NIGHT
올리브 나이트





노블레스 NOBLESSE

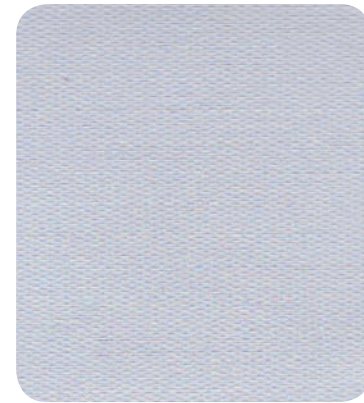


특허등록번호 : 10-0913057 / 200mm
(PATENT No.)

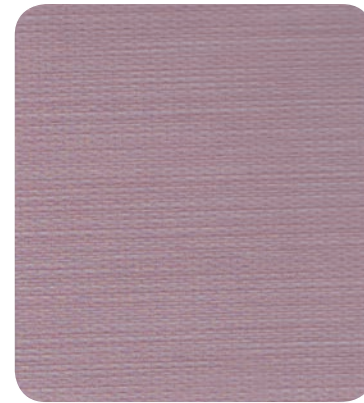
Technical Data

• Composition	Polyester 100%
• Thickness	Solid 0,60mm / Sheer 0,17mm
• Weight	144,90g / m ² ± 5%
• Width	300cm
• Tensile strength	Warp 358,5dan / Weft 327,5dan
• Packing	50m/roll
• Elongation	Warp 24.3% / Weft 13.3%
• Fastness to light	Above 4 grade

엘리제매직 **암막** **방염**
ELYSEE MAGIC



EM 2801 WHITE / 화이트
 방염가능



EM 2803 LIGHT GRAPE / 라이트그레이프



EM 2804 BROWN / 브라운



EM 2805 WOOD / 우드



EM 2806 GREY / 그레이
 방염가능



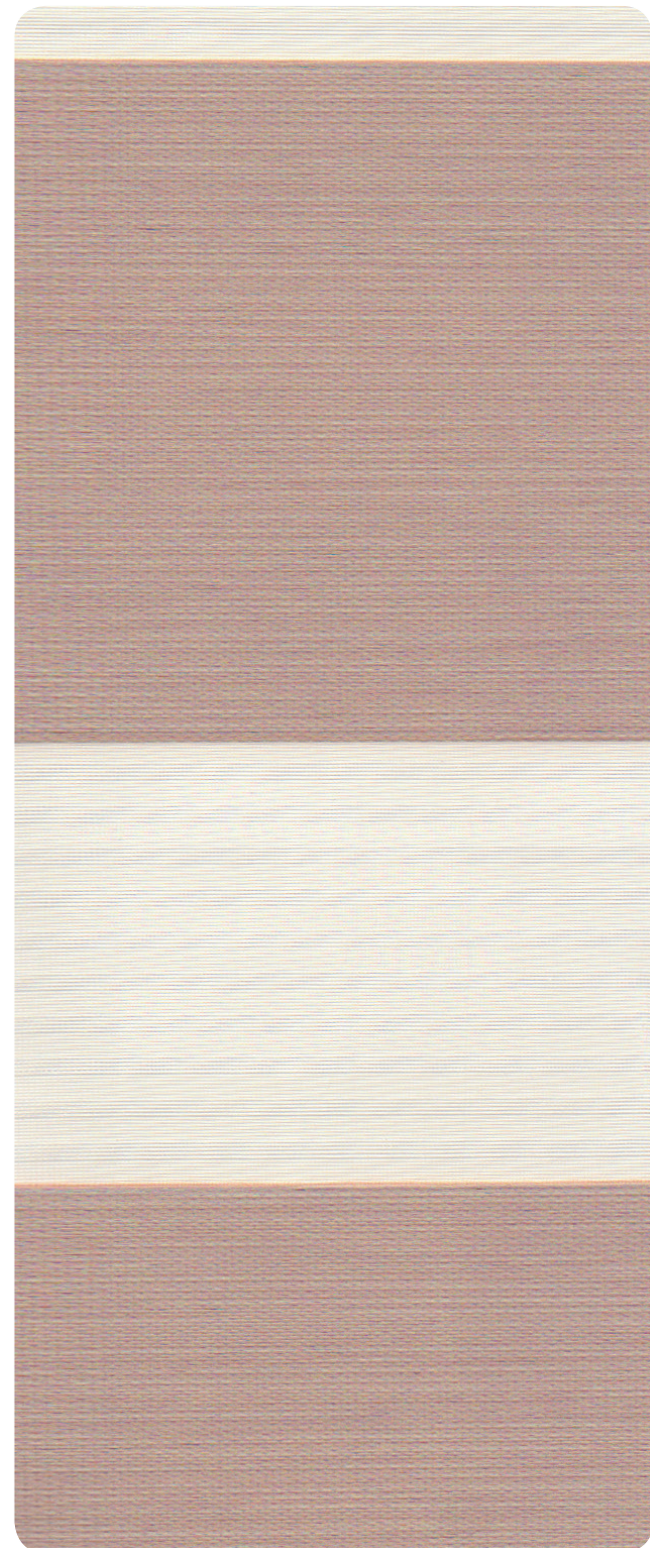
EM 2809 LIGHT GREY / 라이트 그레이



EM 2807 INK BLACK / 잉크블랙
 방염가능



EM 2808 BLACK / 블랙



 방염가능 EM 2802 BEIGE / 베이지



친환경인증획득

엘리제매직 **암막** **방염**
ELYSEE MAGIC



의장등록번호 300777194

Technical Data

• Composition	Polyester 100%
• Thickness	0.48mm±5%
• Weight	242.4g / m ² ±5%
• Width	280cm
• Tensile strength	warp 89.2dan / weft 2000.9dan
• Packing	50m/roll
• Elongation	warp 11.7% / weft 20.5%
• Fastness to light	Above 4 grade

블라인드매직 BLIND MAGIC

세미
암막

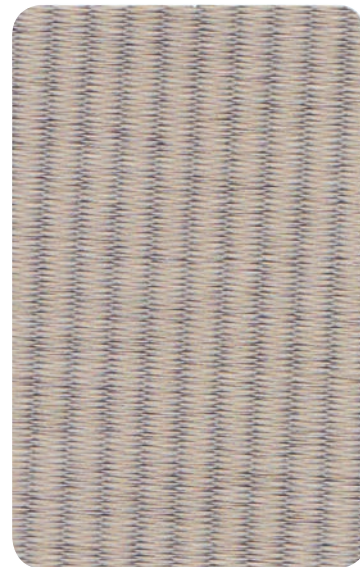
방염
가능



BM 2606 WHITE / 화이트



BM 2607 BEIGE / 베이지



BM 2601 IVORY / 아이보리
방염가능



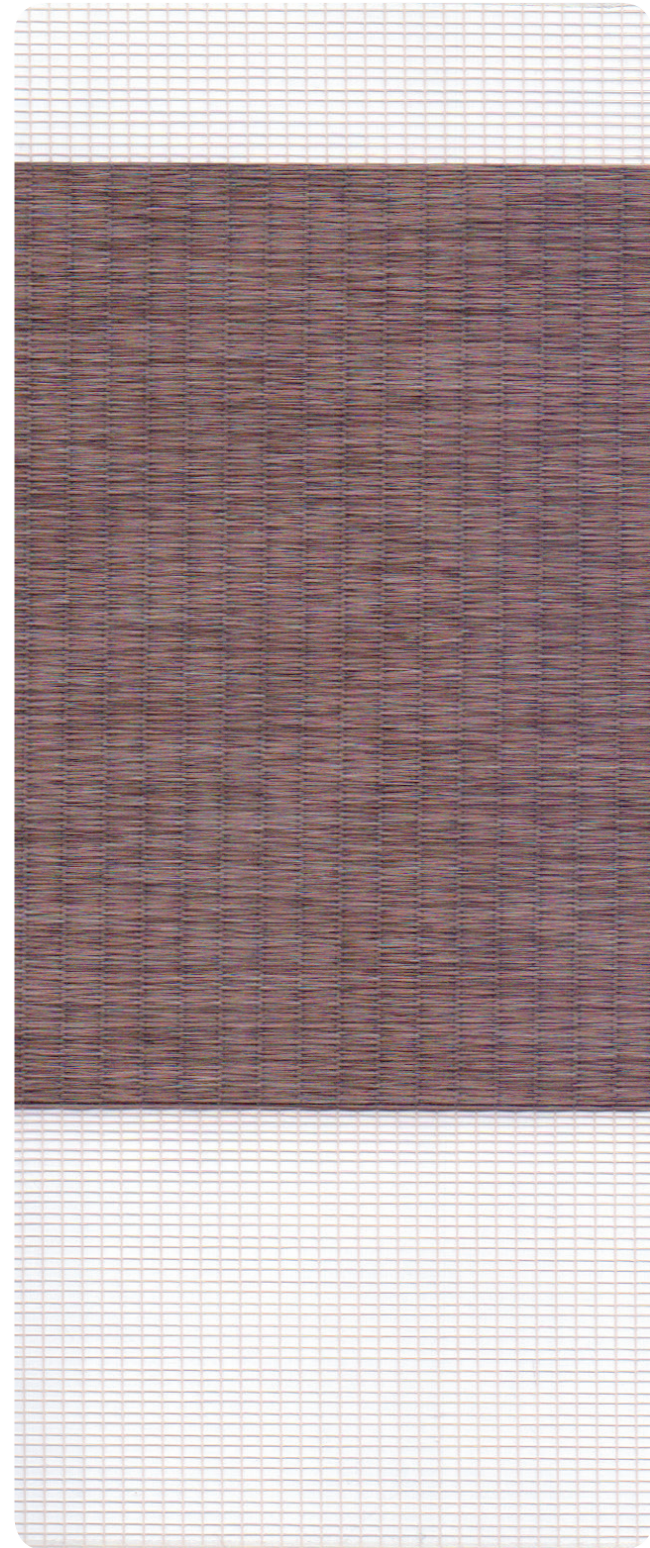
BM 2603 OIL GREEN / 오일그린
방염가능



BM 2604 DARK GREEN / 다크그린
방염가능



BM 2605 / INK BLACK / 잉크블랙



방염가능 BM 2602 BROWN / 브라운



블라인드매직 BLIND MAGIC

세미
암막

방염
가능



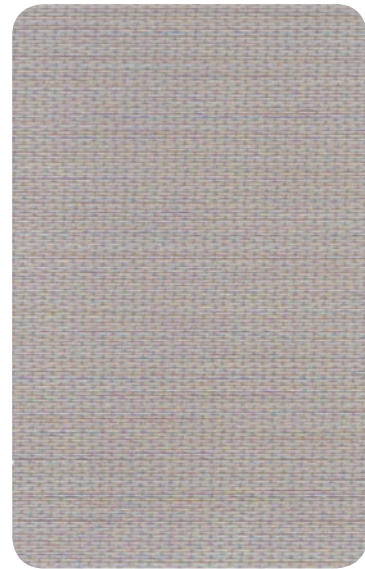
디자인등록번호 : 30-0581312-0000

Technical Data

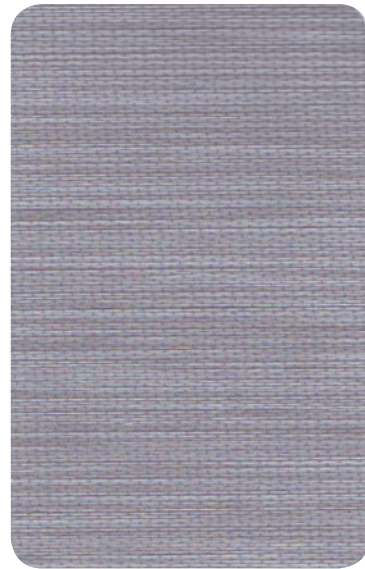
• Composition	Polyester 100%
• Thickness	0.59mm±5%
• Weight	160.85g / m ² ± 5%
• Width	280cm
• Tensile strength	warp 158.6dan / weft 6.8dan
• Packing	50m/roll
• Elongation	warp 19.0% / weft 15.5%
• Fastness to light	Above 4 grade



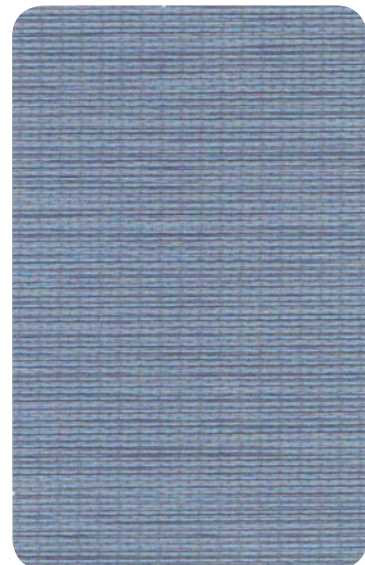
SG 7806 CHARCOAL / 차콜
방염가능



SG 7801 MUSHROOM / 머쉬룸
방염가능



SG 7802 LIGHT GREY / 라이트 그레이
방염가능



SG 7803 LIGHT BLUE / 라이트블루
방염가능



SG 7804 DARK GREEN / 다크 그린
방염가능



SG 7805 GREY / 그레이
방염가능



SG 7807 WOOD / 우드
방염가능



친환경인증획득



Technical Data

• Composition	Polyester 100%
• Thickness	0.38mm ±5%
• Weight	168.9g/㎡ ±5%
• Width	320cm
• Tensile strength	Wet 2100dan
• Packing	40m/roll
• Fastness to light	Above 6 grade

오픈그race OPEN GRACE



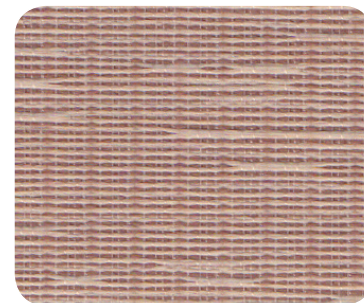
OG 2505 WHITE / 화이트



OG 2507 CREAM IVORY / 크림 아이보리



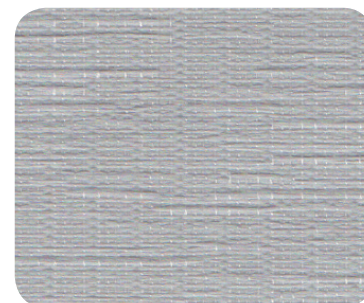
OG 2508 LIGHT BROWN / 라이트 브라운



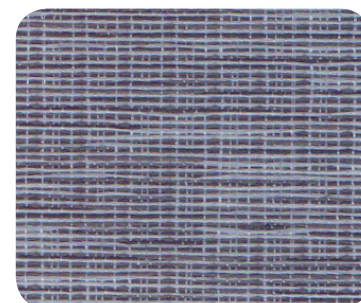
OG 2501 NOUGAT / 누갓



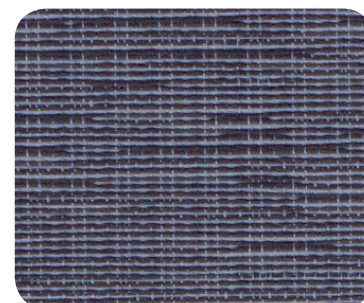
OG 2502 OLIVE GOLD / 올리브골드



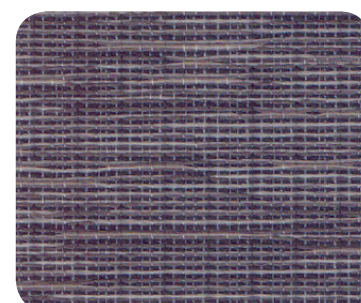
OG 2506 GREY / 그레이



OG 2509 DARK GREY / 다크그레이



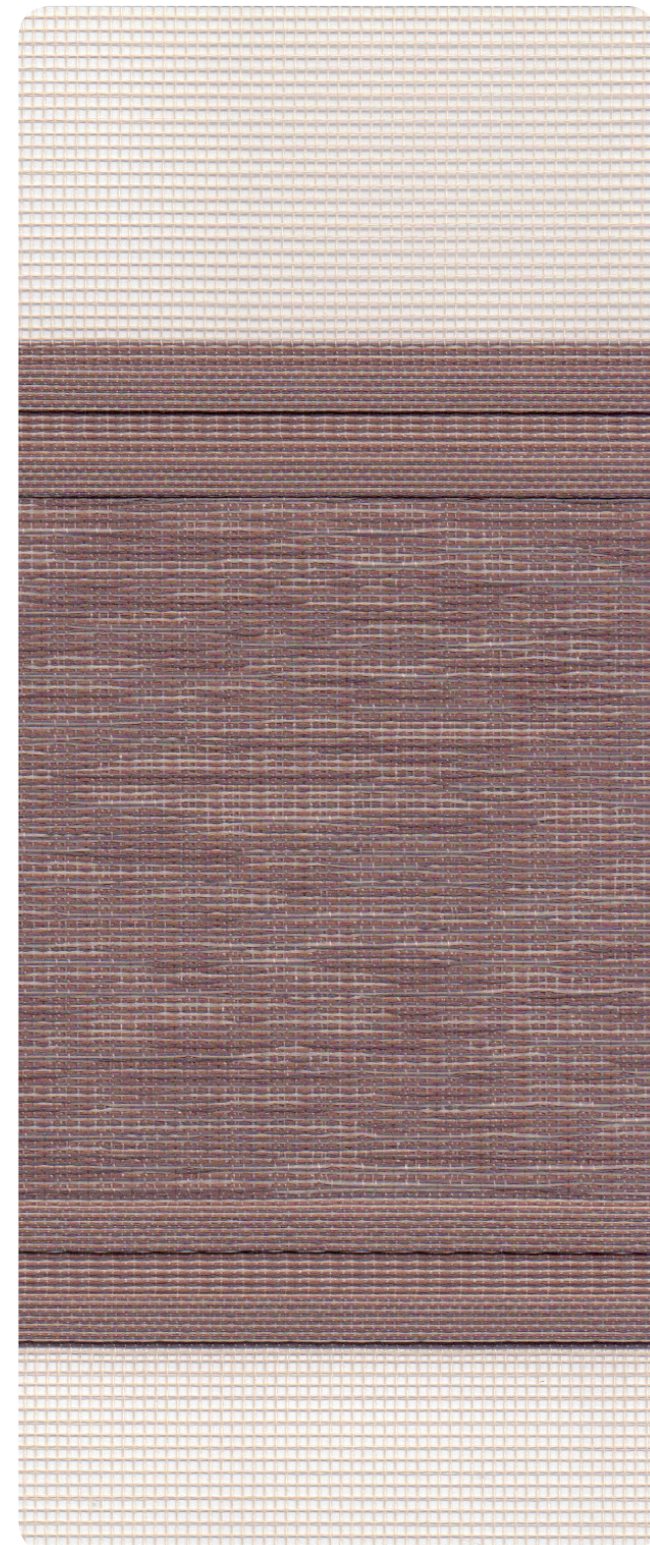
OG 2510 DARK BLUE / 진블루



OG 2504 INK BLACK / 잉크블랙



OG 2511 NAVY / 네이비



OG 2503 CHOCOLATE CHIP / 초콜렛칩



오픈그race OPEN GRACE



디자인등록번호 : 300581313

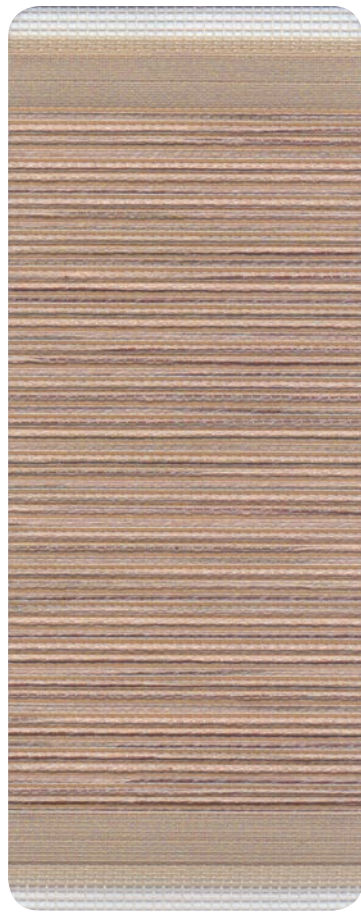
Technical Data

• Composition	Polyester 100%
• Thickness	0.40mm±5%
• Weight	141g /m²±5%
• Width	280cm
• Tensile strength	warp 229,3dan / weft 1,026dan
• Packing	50m/roll
• Elongation	warp 23,3% / weft 19,3%
• Fastness to light	Above 4 grade

팀버매직
TIMBER MAGIC



TM 5001 IVORY / 아이보리



TM 5002 BEIGE / 베이지



TM 5003 GREEN / 그린



TM 5004 LIGHT GREY / 라이트 그레이



TM 5005 WOOD / 우드



팀버매직
TIMBER MAGIC



디자인등록 출원 300753030

Technical Data

• Composition	Polyester 70% cotton 30%
• Thickness	0.60mm± 5%
• Weight	160g / m ² ± 5%
• Width	280cm
• Tensile strength	warp 209.5dan / weft 25.2da
• Packing	50m/roll
• Elongation	warp 23.1% / weft 11.1%
• Fastness to light	Above 4 grade

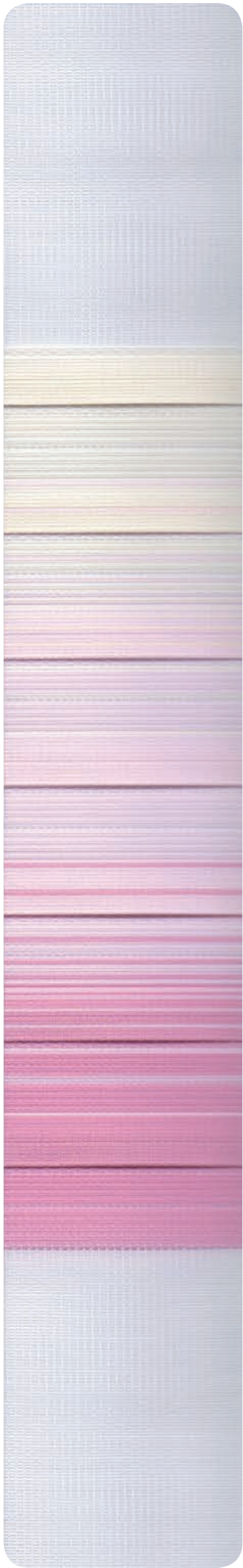
엠파이어
EMPIRE



EP 1307 IVORY / 아이보리



EP 1309 BEIGE / 베이지



EP 1308 PINK / 핑크



EP 1310 GOLD / 골드



EP 1311 KHAKI / 카키



EP 1312 WOOD / 우드



친환경인증획득

엠파이어
EMPIRE



특허출원번호 : 300716126

Technical Data	
• Composition	Polyester 100%
• Thickness	0,37mm±5%
• Weight	140g / m²±5%
• Width	280cm
• Tensile strength	warp 209,5dan / weft 25,2dan
• Packing	50m/roll
• Elongation	warp 23,1% / weft 11,1%
• Fastness to light	Above 4 grade

레인보우매직
RAINBOW MAGIC



RM 4001
WHITE / 화이트

RM 4002
IVORY / 아이보리

RM 4003
GREEN / 그린

RM 4004
BEIGE / 베이지

RM 4005
GREY / 그레이

RM 4006
WOOD / 우드

RM 4007
WINE / 와인

RM 4008
INK BLACK / 잉크블랙



친환경인증획득

레인보우매직
RAINBOW MAGIC

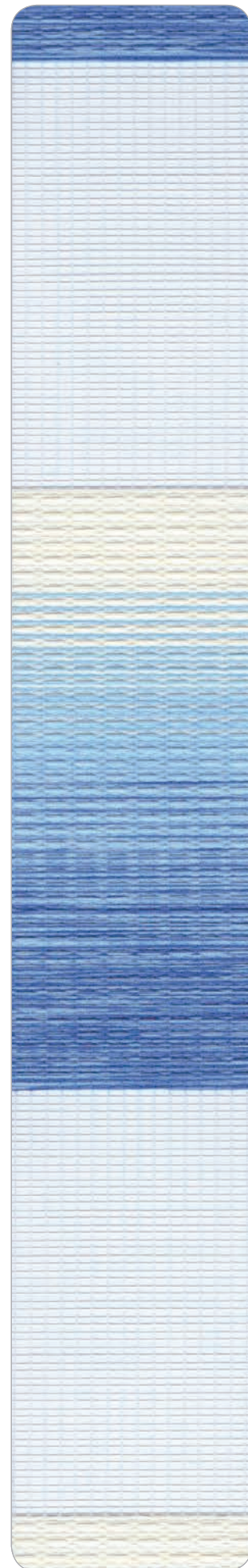


Technical Data	
• Composition	Polyester 100%
• Thickness	0,31mm±5%
• Weight	109,5g / m² ± 5%
• Width	280cm
• Tensile strength	warp 98,1dan / weft 1314,7dan
• Packing	50m/roll
• Elongation	warp 11,3% / weft 22,6%
• Fastness to light	Above 4 grade

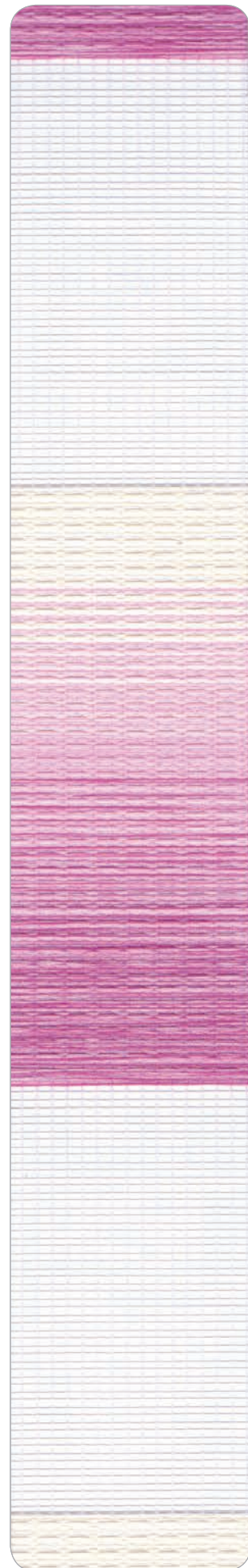
갤럭시 GALAXY



GA 723 GREEN / 그린



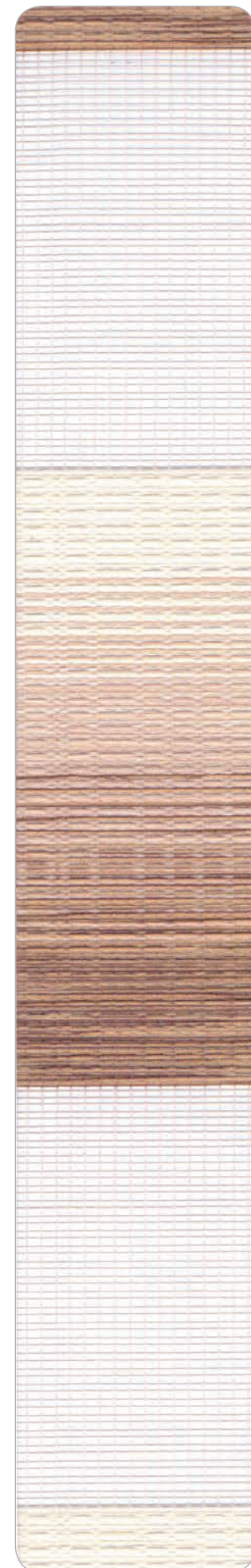
GA 722 BLUE / 블루



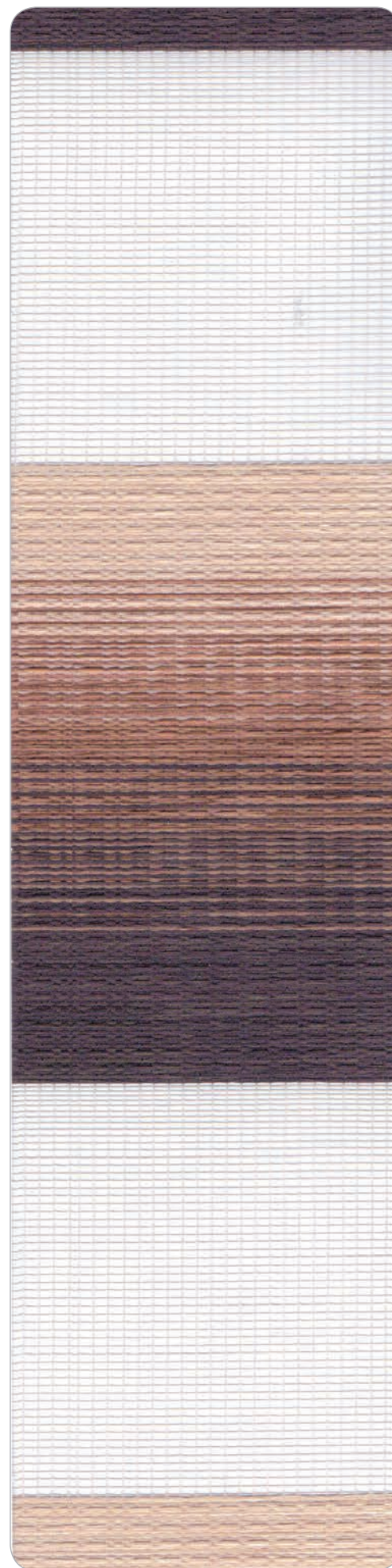
GA 721 PINK / 핑크



GA 724 GREY / 그레이



GA 720 BEIGE / 베이지



GA 725 WOOD / 우드



친환경인증획득

갤럭시 GALAXY



Technical Data

• Composition	Polyester 100%
• Thickness	0.56mm ± 5%
• Weight	140g / m ² ± 5%
• Width	280cm
• Tensile strength	warp 253.0dan / weft 225.2dan
• Packing	50m/roll
• Elongation	warp 23% / weft 11.2%
• Fastness to light	Above 4 grade

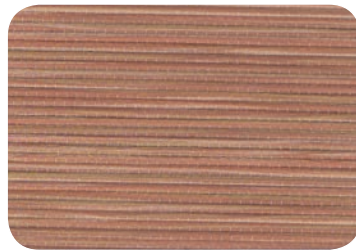
로드스타
LODESTAR



LS 8201 IVORY / 아이보리



LS 8202 MUSHROOM /머쉬룸



LS 8203 LIGHT BROWN / 라이트브라운



LS 8204 BEIGE / 베이지



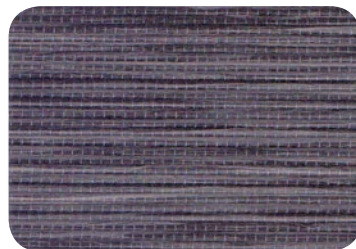
LS 8205 LIGHT GREEN / 연그린



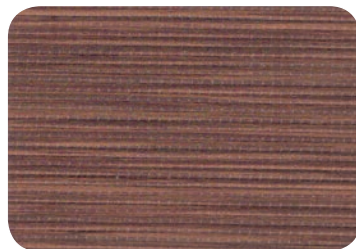
LS 8206 LIGHT GREY/ 라이트 그레이



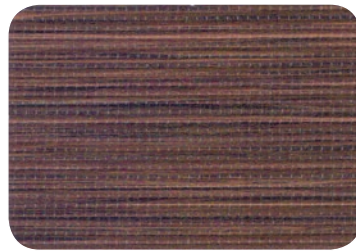
LS 8208 DARK GREY / 다크 그레이



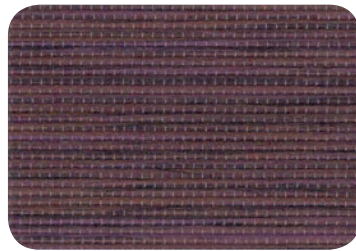
LS 8209 CHARCOAL / 차콜



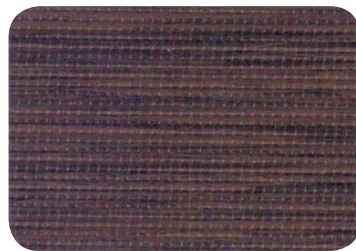
LS 8210 BROWN / 브라운



LS 8211 WOOD / 우드



LS 8212 INK BLACK / 잉크블랙



LS 8213 CHOCO / 초코



LS 8214 NAVY / 네이비



LS 8207 GREY / 그레이



친환경인증획득

로드스타
LODESTAR



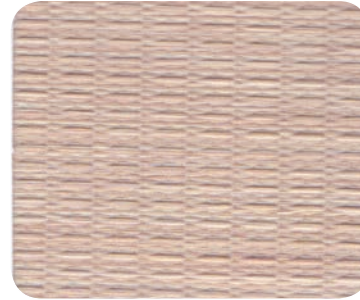
Technical Data

• Composition	Polyester 100%
• Thickness	0,55mm±5%
• Weight	200,4g/ m² ±5%
• Width	320cm
• Tensile strength	2200dan
• Packing	40m/roll
• Fastness to light	Above 6 grade

첼로매직 방염 가능
CELLO MAGIC



CM 701 IVORY / 아이보리
방염가능



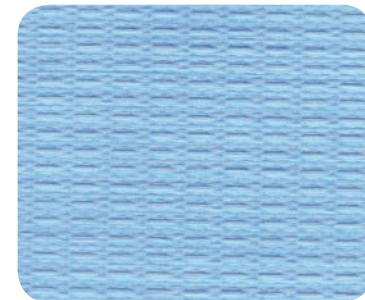
CM 702 MUSHROOM / 머쉬룸
방염가능



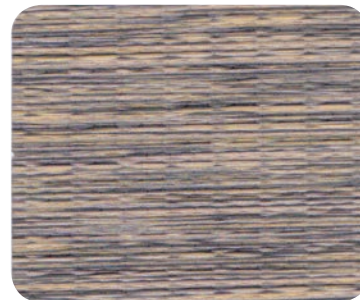
CM 704 PINK / 핑크



CM 705 GREEN / 그린
방염가능



CM 706 BLUE / 블루



CM 709 OLIVE GOLD / 올리브골드



CM 703 BEIGE / 베이지
방염가능



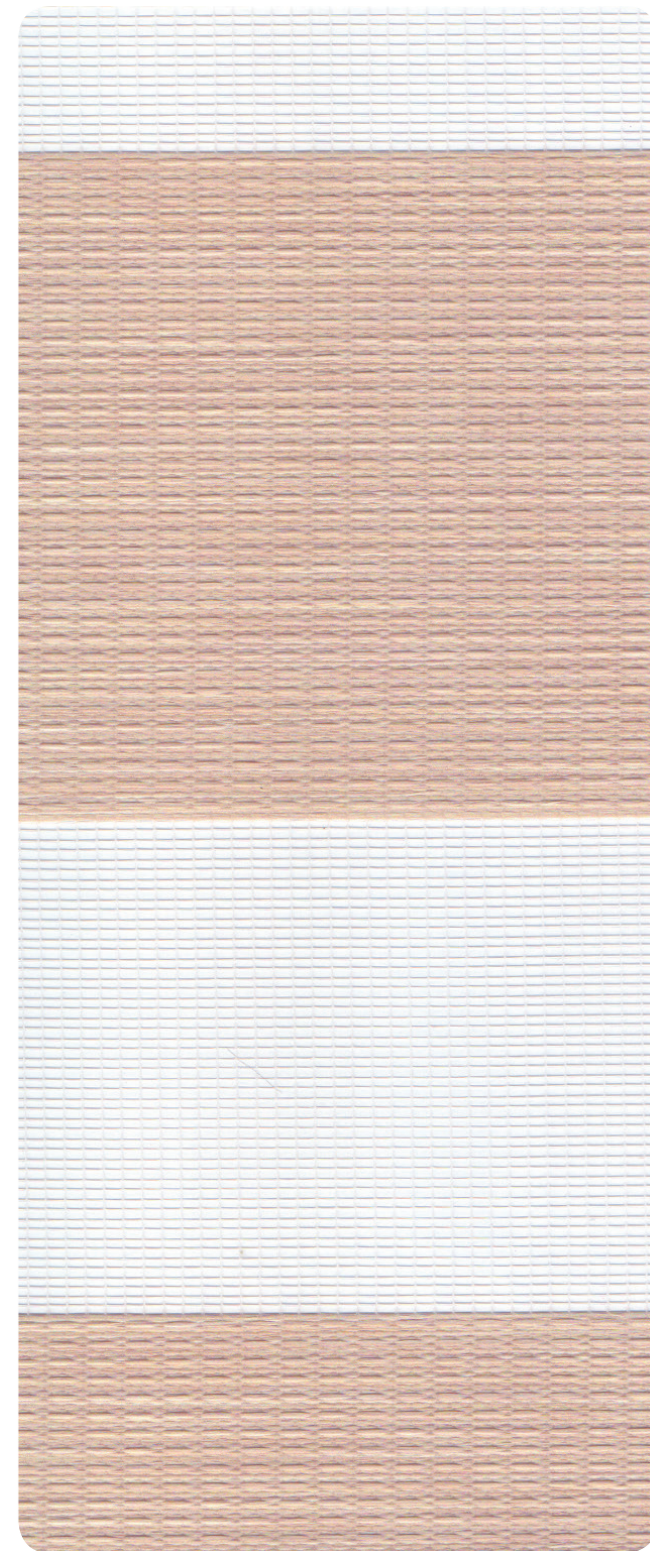
CM 708 BROWN / 브라운
방염가능



CM 710 WOOD / 우드

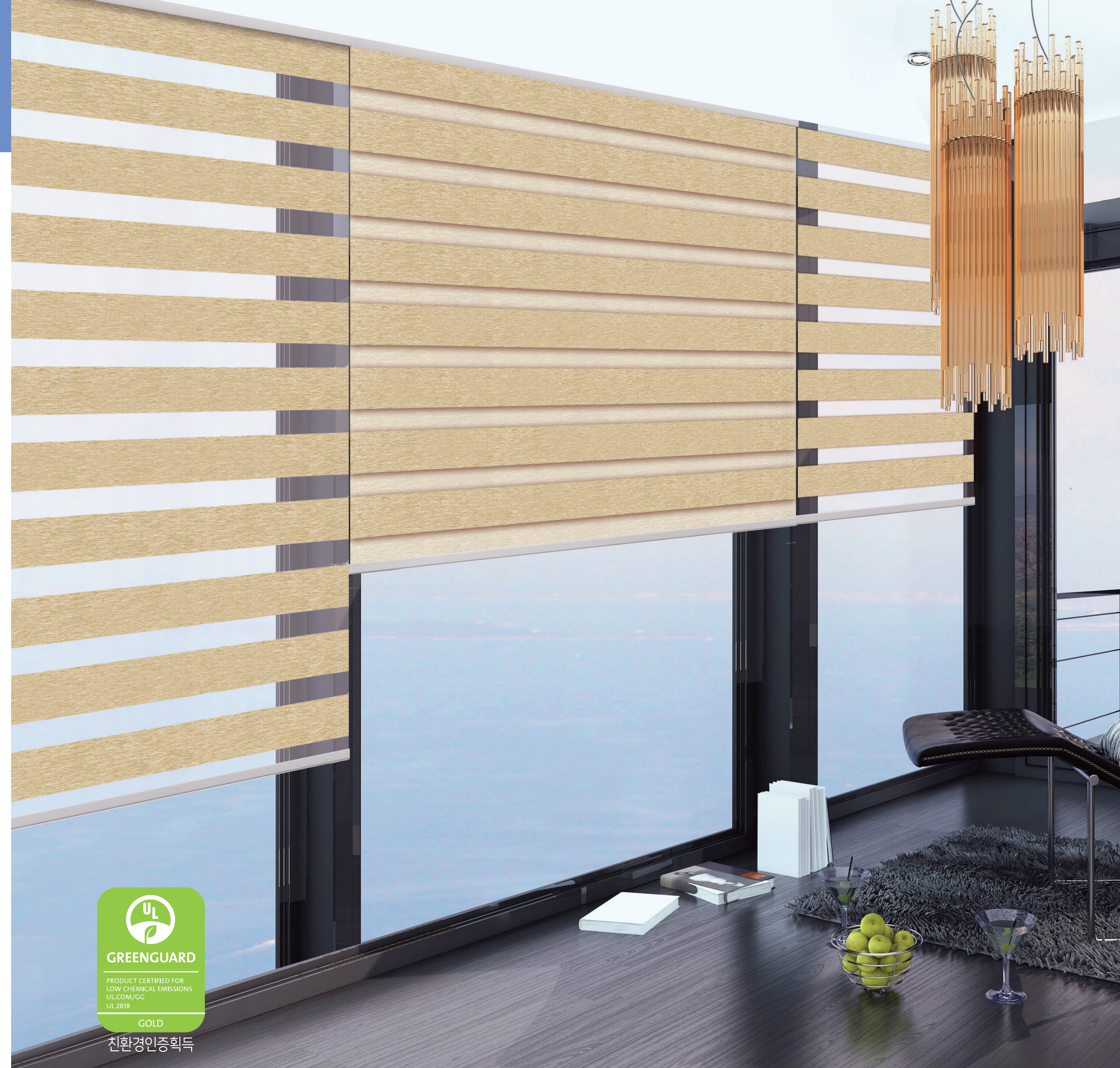


CM 711 INK BLACK / 잉크블랙



방염가능

CM 707 GREY / 그레이

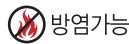


첼로매직 방염 가능
CELLO MAGIC



Technical Data

• Composition	Polyester 100%
• Thickness	0.60mm±5%
• Weight	140g /m ² ±5%
• Width	280cm
• Tensile strength	warp 253.0dan / weft 225.2dan
• Packing	50m/roll
• Elongation	warp 23% / weft 11.2%
• Fastness to light	Above 4 grade



IR 722 MUSHROOM / 머쉬룸



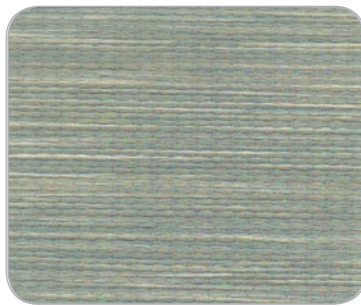
IR 720 WHITE / 화이트



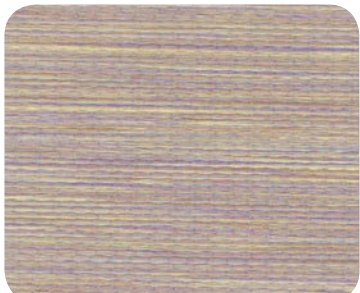
IR 721 IVORY / 아이보리
 방염가능



IR 730 LIGHT GREEN / 연그린
 방염가능



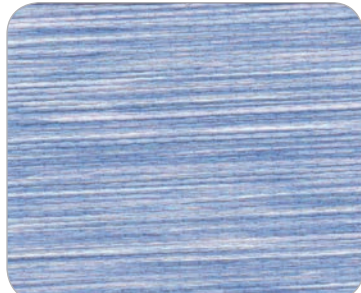
IR 731 GREEN / 그린



IR 723 GOLD PURPLE / 골드 퍼플



IR 724 BEIGE / 베이지
 방염가능



IR 732 SKY BLUE / 스카이 블루



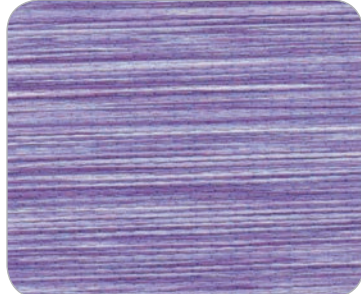
IR 733 BLUE / 블루



IR 725 BROWN / 브라운



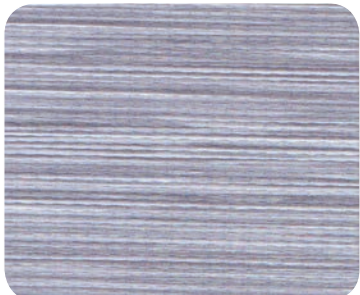
IR 726 WOOD / 우드



IR 734 LIGHT PURPLE / 라이트 퍼플



IR 735 PURPLE / 퍼플



IR 727 LIGHT GREY / 라이트 그레이
 방염가능



IR 728 GREY / 그레이



IR 736 CHOCO / 초코
 방염가능



IR 737 INK BLACK / 잉크 블랙



IR 729 DARK GREY / 다크그레이



IR 740 BLACK / 블랙



IR 738 CHARCOAL / 차콜



IR 739 NAVY BLACK / 네이비 블랙



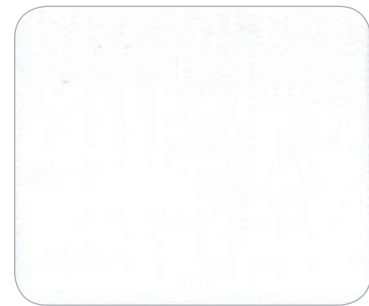
친환경인증획득



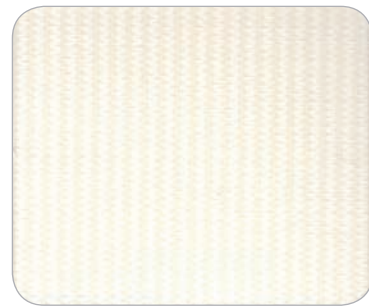
Technical Data

• Composition	Polyester 100%
• Thickness	0,30mm±5%
• Weight	141.1g / m²±5%
• Width	280cm
• Packing	50m/roll
• Fastness to light	Above 6 grade

듀오매직
DUO MAGIC



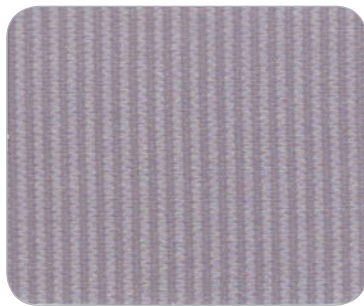
DM 503 WHITE / 화이트

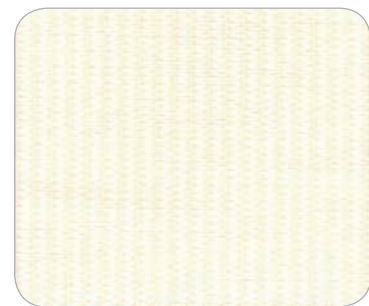
DM 501 IVORY / 아이보리




DM 517 GREY / 그레이



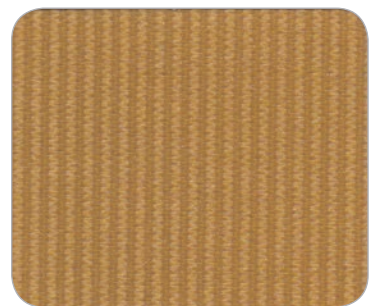
DM 518 DARK GREY / 다크그레이

DM 515 OYSTER / 오이스트



DM 504 PEACH / 피치

DM 511 GOLD / 골드



DM 506 BROWN / 브라운



DM 525 BEIGE / 베이지



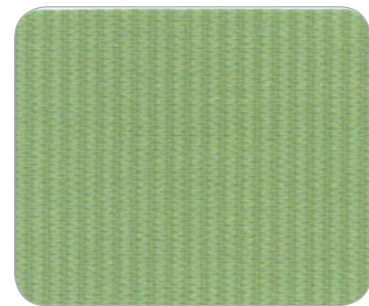
DM 521 LIGHT GREEN / 라이트 그린



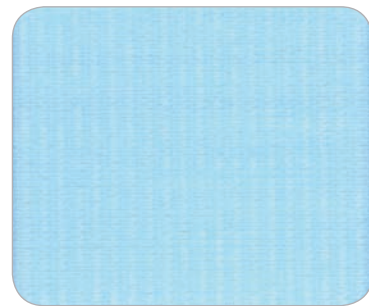
DM 512 WOOD / 우드




DM 513 WINE / 와인



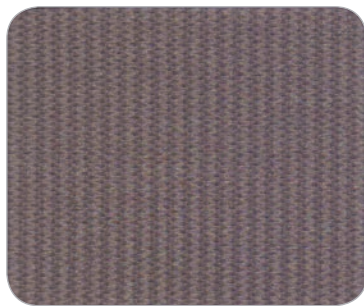
DM 510 GREEN / 그린

DM 508 SKY BLUE / 스카이블루



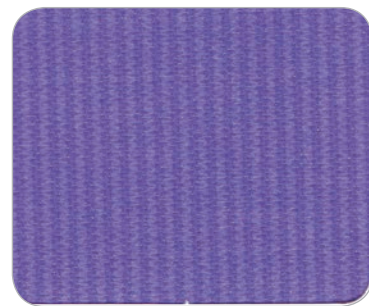
DM 514 INK BLUE / 잉크블루



DM 522 TARP / 타프



DM 505 PINK / 핑크



DM 502 PURPLE / 퍼플



DM 523 CHOCO / 초코



DM 524 CHARCOAL / 차콜

DM 519 DEEP BLUE / 진블루



친환경인증획득

듀오매직
DUO MAGIC



Technical Data

• Composition	Polyester 100%
• Thickness	0,34mm ± 5%
• Weight	112g / m ² ± 5%
• Width	280cm
• Tensile strength	warp 251dan / weft 25,1dan
• Packing	70m/roll
• Elongation	warp 23% / weft 11%
• Fastness to light	Above 4 grade

줄리엣
JULIET



WHITE /화이트

IVORY /아이보리

PEACH / 피치

LIGHT GREY
라이트 그레이

GREY /그레이

BROWN / 브라운

NAVY / 네이비



줄리엣 JULIET



Technical Data

• Composition	Polyester 100%
• Thickness	0,43mm $\pm$ 5%
• Weight	191,3g /m ² $\pm$ 5%
• Width	210cm / 260cm
• Tensile strength	Warp 850dan / Weft 1000dan
• Packing	50m/roll
• Fastness to light	Above 6 grade