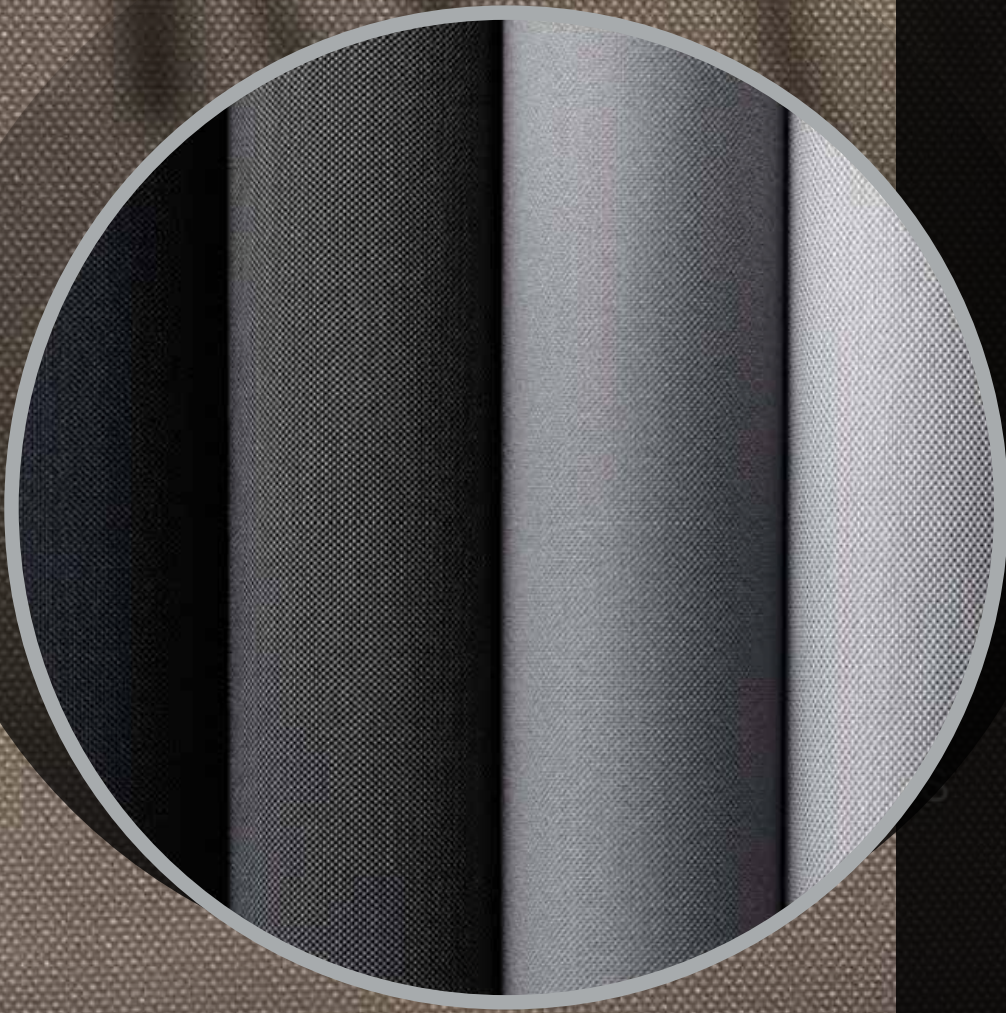


**MASSACHUSETTS
COMPLIANT FR
FABRIC RANGE**



**ANTIMONY TRIOXIDE FREE ROLLER SHADE
FOR RESIDENTIAL & COMMERCIAL
APPLICATION**

Window decorations are more than just functional elements—they are an expression of art, style, and individuality. At Shades by Matiss, we've embraced this vision since our inception, transforming each product into a piece of beauty and creativity. Our dedication to innovation and design excellence has established us as a leading supplier of window coverings, offering an exquisite range of roller shades.

At Shades by Matiss, we believe that quality is not only defined by the durability of our products, but also by the way they are crafted, sold, and used. Sustainability and safety are core to our process, ensuring that every product is both environmentally conscious and human-friendly. Each design undergoes rigorous testing by respected international institutes, earning official certifications and guarantees to support their longevity and reliability.

In this brochure, you will find an overview of the certifications and guarantees that reflect the integrity of our products. As your partner, we are committed to providing you with the knowledge to truly understand the value and craftsmanship of what you are purchasing. By doing so, we empower you to offer your clients not just a product, but a meaningful addition to their spaces—creating lasting beauty and quality every step of the way.

At Shades by Matiss, we prioritize not only the beauty and functionality of our products but also their safety and environmental impact. Our commitment extends to using fabrics that are both sustainable and safe, ensuring that every piece we create is a reflection of our responsibility to both people and the planet. In every shade, you'll find a dedication to quality that extends beyond design.

Explanation/ List of FR

Chapter 261 of the Acts of 2020 - An Act to Protect Children, Families, and Firefighters from Harmful Flame Retardants Massachusetts General Laws, Chapter 21A, Section 28

A manufacturer or retailer shall not sell, offer or manufacture for sale, distribute in commerce or import into the commonwealth a covered product, except for inventory manufactured prior to December 31, 2021, that contains any of the following chemical flame retardants or a chemical analogue the total weight of which exceeds 1,000 parts per million for any component part of the covered product.

List of Flame Retardants Chemicals Covered Under the Law

1. Tris(1,3-dichloro-2-propyl)phosphate (TDCPP) (Chemical Abstracts Service number 13674 87 8);
2. Tris(2-chloroethyl)phosphate (TCEP) (Chemical Abstracts Service number 115 96 8);
3. Antimony trioxide (Chemical Abstracts Service number 1309 64 4);
4. Hexabromocyclododecane (HBCD) (Chemical Abstracts Service number 25637 99 4);
5. Bis(2-Ethylhexyl)-3,4,5,6- tetrabromophthalate (TBPH) (Chemical Abstracts Service number 26040 51 7);
6. 2-Ethylhexyl-2,3,4,5-tetrabromobenzoate (TBB) (Chemical Abstracts Service number 183658 27 7);
7. Chlorinated paraffins (Chemical Abstracts Service number 85535 84 8);
8. Tris (1-chloro-2-propyl) phosphate (TCPP) (Chemical Abstracts Service number 13674 84 5);
9. PentaBDE (Chemical Abstracts Service number 32534-81-9);
10. OctaBDE (Chemical Abstracts Service number 32536-52-0);
11. Tetrabromobisphenol A (TBBPA) (Chemical Abstracts Service number 79-94-7)
12. Any other chemical flame retardants specified by the department pursuant to subsection (c)

ANTIMONY TRIOXIDE FREE ROLLER SHADE FABRIC RANGE

Shades by Matiss offers a range of roller shade fabrics that meet Massachusetts' flame retardant regulation requirements, ensuring both safety and compliance with state standards. Our collection includes four high-performance fabrics, each designed to optimize light control and provide superior protection:

Ambient Renew – A sustainable, eco-friendly fabric that combines a sleek design with excellent light diffusion properties, creating a soft, ambient glow while maintaining privacy. Ideal for spaces where energy efficiency and aesthetics are a priority. Available in 1% and 5% openesses.

Essential – A versatile fabric that balances light filtering with UV protection, perfect for spaces requiring a functional solution that doesn't compromise on style. Essential provides a natural, soft light while reducing glare and protecting interiors from sun damage.

Iconic Blackout – A premium blackout fabric designed to provide complete light blockage, offering the ultimate in privacy and darkness. Perfect for bedrooms, home theaters, or any environment where total light control is essential, while also contributing to energy savings.

Miami Blackout – A durable and stylish blackout fabric that not only blocks light but also adds a modern, sophisticated touch to any room. Miami Blackout offers superior heat insulation, enhancing comfort and energy efficiency in both residential and commercial spaces.

With these four exceptional fabrics, Shades by Matiss provides optimal solutions for light control, energy efficiency, and fire safety in a variety of settings.



Ambient Renew
Solar



Essential Solar



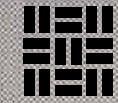
Miami Blackout



Iconic Blackout

AMBIENT RENEW

PVC FREE SCREEN



TEXSTYLE

Perfect for
Hospitality venues
Fitness centers
Workplaces
Retail
Travel hubs
Educational facilities
Housing developments
Apartment living
and more..

Ambient Renew

Ambient Renew is an eco-friendly PVC Free solar screen fabric made of 85% REPREVE® Recycled Polyester. It is designed to behave similarly to a traditional solar screen but without the PVC. Select Ambient Renew for your commercial or residential space when you're looking to minimize your impact on the environment while maximizing solar control and durability. It's compliance to the Living Building Challenge Red List makes this fabric the optimal choice for more demanding projects.

PVC Free

- 85% REPREVE® Recycled Polyester, 15% Virgin Polyester
- Attractively priced 2x2 screen
- 11 modern colors offered in 1% and 5% openness
- Flame Retardant
- Formaldehyde Free, Lead Free, Phthalate Free, Fragrance Free
- Living Building Challenge Red List Compliant



Frequently asked questions
Learn more about
Texstyle's eco-friendly
Ambient Renew fabric
collection.



What is Ambient Renew?

Ambient Renew is an alternative to traditional PVC solar screen fabric. It is designed and manufactured using 85% REPREVE® recycled polyester to provide an eco-friendly PVC free fabric solution for your space while reducing solar heat and glare.

What is REPREVE®?

REPREVE® is the leading, most trusted branded performance fiber made from recycled materials, including plastic bottles. Just one roll of Ambient Renew fabric contains up to 1800+ recycled bottles that have been diverted from landfills. How do recycled materials turn into fabric? Post-Consumer bottles and other materials are first collected and chopped into small flakes. The flakes are melted down and formed into small plastic pellet-sized chips. These chips are melted and extruded into yarns which are then woven into fabric.

Can Ambient Renew be cleaned?

Yes. Ambient Renew, like other roller shade fabrics, only needs occasional cleaning to remove dust with a vacuum cleaner or compressed air. For deeper cleaning instructions, visit texstyle.com

What types of applications can Ambient Renew be used for?

Ambient Renew with REPREVE® is ideal for commercial and residential roller shade or panel applications. Its wide width easily accommodates those extra-large windows.

Is Ambient Renew free of Halogens?

Yes. Ambient Renew is also free of all chemicals deemed harmful on the Living Building Challenge (LBC) Red List and by Oeko-Tex Standard 100, making Ambient Renew with REPREVE® both a healthy and sustainable solution.

Specifications

	1%	5%
Composition	85% REPREVE® Recycled Polyester, 15% Virgin Polyester	85% REPREVE® Recycled Polyester, 15% Virgin Polyester
Openness Factor	Average 1%	Average 5%
Weight	11.80 oz/yd ² (400 g/m ²)	9.0 oz/yd ² (305 g/m ²)
Thickness	0.021in (.54mm)	0.019in (.48mm)
Colorfastness	Grade ≥ 7 (Blue Wool Scale)	Grade ≥ 7 (Blue Wool Scale)
Average length	33 yd/roll (30m)	33 yd/roll (30m)
Width	118" (3m)	118" (3m)
Cutting	Cold, Crush, and Ultrasonic	Cold, Crush, and Ultrasonic
Railroadable	Yes	Yes
Cleaning	Wipe clean with warm soapy water and damp cloth.	Wipe clean with warm soapy water and damp cloth.
Fire Classifications	NFPA 701 and CA Title 19	NFPA 701 and CA Title 19
Environmental Standards	Low VOC<0.5 mg/m ³ : CDPH Standard Method v1.2, Health Product Declaration, Oeko-Tex Standard 100 Certified, RoHS, LBC Red List Compliant	

REPREVE® Unifi, Inc.

Thermal & Optical Factors

		Thermal Factors			Optical Factors	
		Ts	Rs	As	Tv	Tuv
1%	R001 White/White	22	69	9	19	2
	R002 White/Beige	16	59	25	11	2
	R003 White/Smoke	8	40	52	6	2
	R004 White/Gray	9	45	45	4	1
	R404 Gray/Gray	3	27	70	1	1
	R303 Smoke/Smoke	2	17	82	1	1
	R503 Black/Smoke	1	9	90	1	1
5%	R504 Black/Gray	1	11	88	1	0
	R505 Black/Black	2	4	95	2	2
	R506 Black/Coffee	2	11	88	1	1
	R507 Black/Blue	1	6	93	1	1
	R001 White/White	27	65	9	24	6
	R002 White/Beige	22	57	21	17	7
	R003 White/Smoke	13	42	46	11	5
	R004 White/Gray	15	45	40	12	5
	R404 Gray/Gray	7	27	65	6	4
	R303 Smoke/Smoke	6	17	77	5	4
R503 Black/Smoke	4	8	88	4	4	
R504 Black/Gray	6	15	79	4	4	
R505 Black/Black	5	4	92	5	5	
R506 Black/Coffee	5	10	85	5	5	
R507 Black/Blue	5	5	90	5	5	

LOW VOC

HEALTH PRODUCT DECLARATION

PVC FREE

5 YEAR WARRANTY

RECYCLED CONTENT

RECYCLABLE

LEAD FREE

FRAGRANCE FREE

FORMALDEHYDE FREE

PHTHALATE FREE

FR

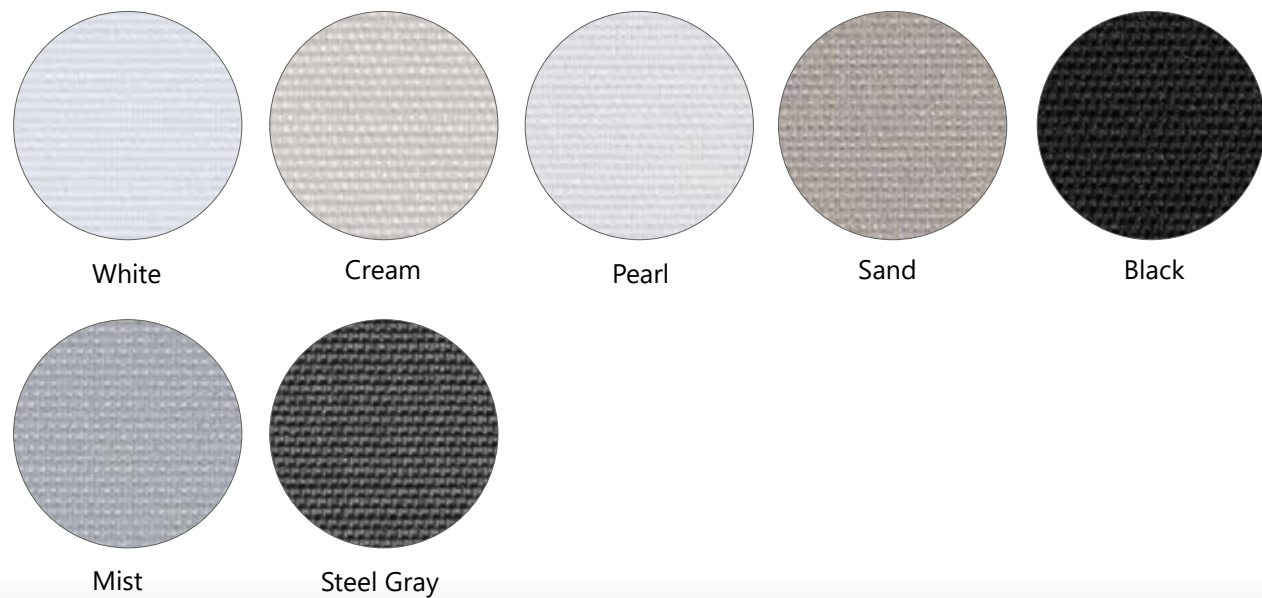
ENERGY SAVING

LBC Compliant

MIAMI BLACKOUT

Miami Blackout

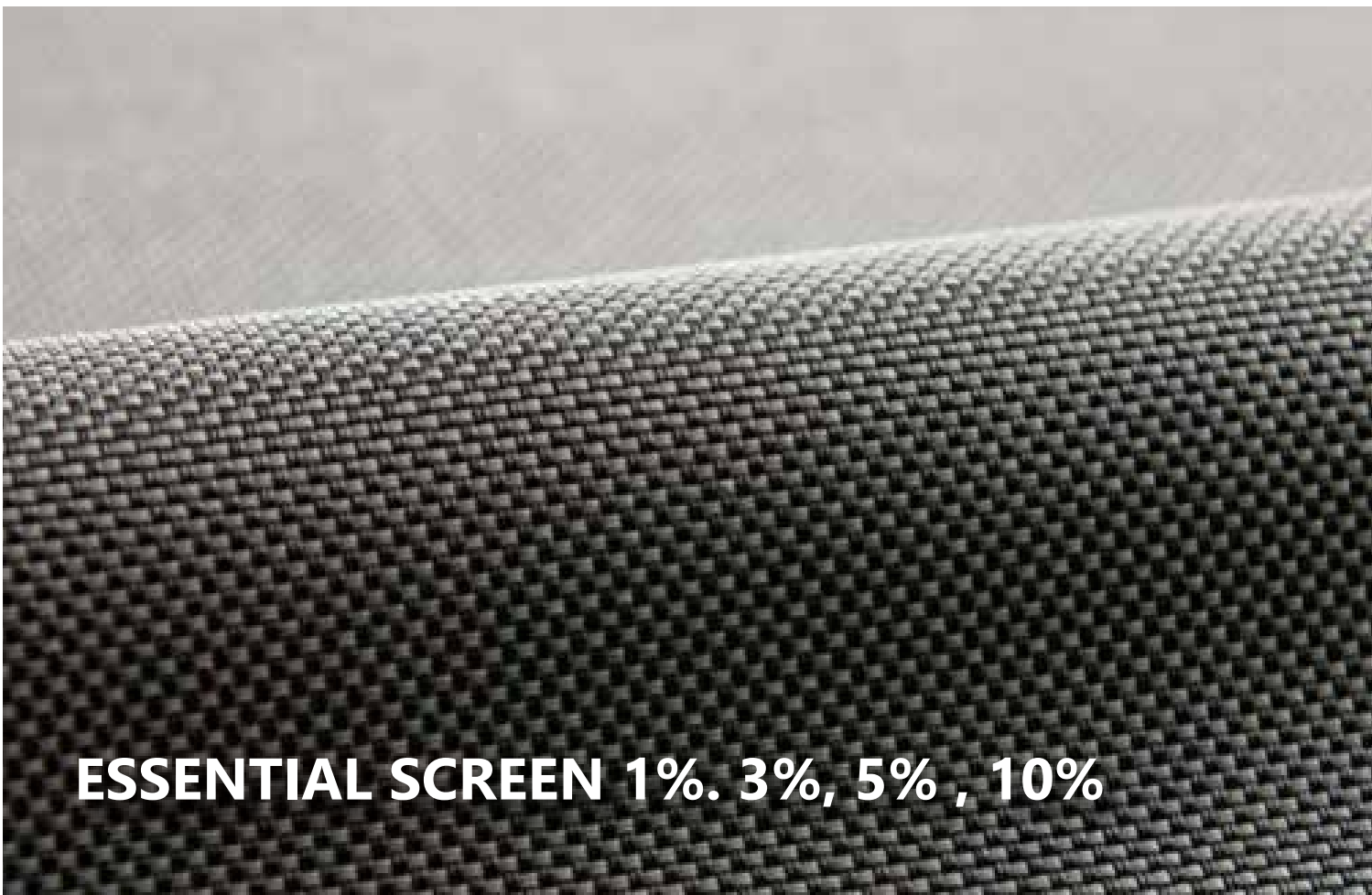
Roller fabric Miami has a flock backing, which gives the backside of the fabric a soft and textile appeal. The black-out fabric completely darkens the room. Roller fabric Miami is flame-retardant and brings an exclusive look to the interior.



Technical specifications:	Miami
Openness factor	0 %
Base material	100 % PES
Transparency	black-out white backing
Finish	black-out flock coating
Cleaning	damp cloth
Shrinkage	≤ 1 %
Light fastness	AATCC 16, grade ≥ 4
Flame Retardant	yes

Production specifications:	Miami
Width	110 in 280 cm
Roll length	31 yd 28 m
Weight	390 g/m ²
Thickness	0.6 mm
Cutting	cold cut
Welding	thermal or HF-welding

These are approximate values. Individual results may vary slightly.

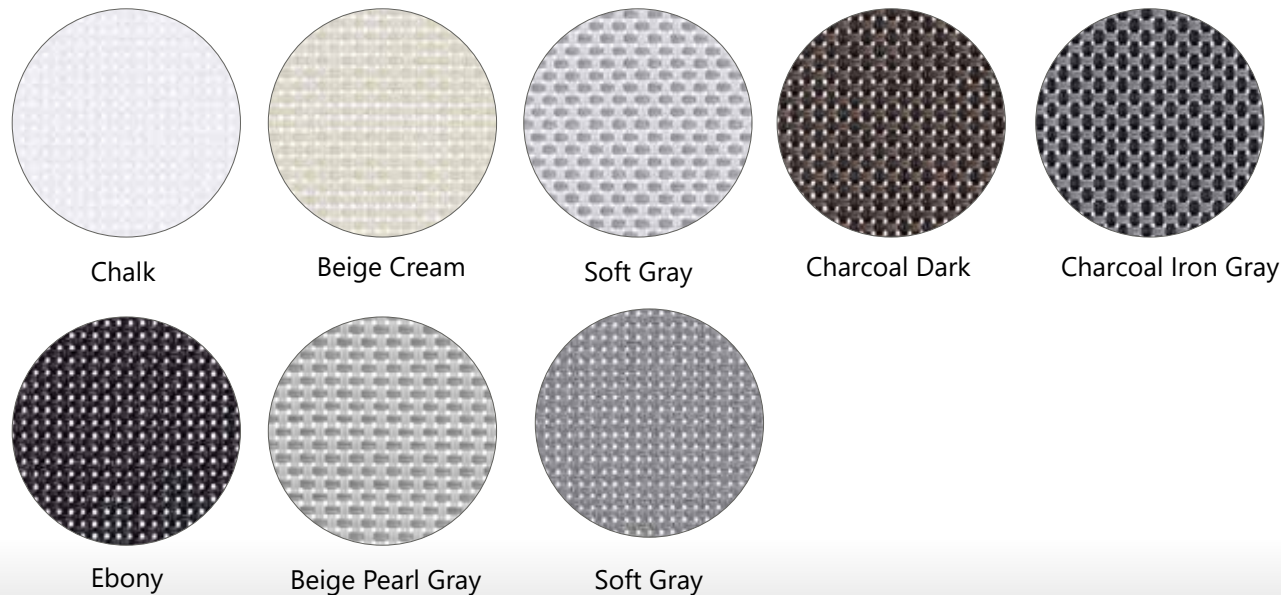


ESSENTIAL SCREEN 1%. 3%, 5% , 10%

Essential 1%, 3%, 5% and 10%

This unique screen collection offers possibilities to create a custom-made interior shading plan, meeting the different light, view and acoustic requirements in one building in the same uniform look and color.

The collection offers 8 colors in the same basket weave, each available in an openness factor of 1, 3, 5 and 10 %.



Technical specifications:	SCR-3001	SCR-3003	SCR-3005	SCR-3010
Openness factor	1 %	3 %	5 %	10 %
Material	70 % PVC 30 % PES	70 % PVC 30 % PES	70 % PVC 30 % PES	70 % PVC 30 % PES
Mesh	basketweave 2x2	basketweave 2x2	basketweave 2x2	basketweave 2x2
Usage	damp cloth	damp cloth	damp cloth	damp cloth
Shrinkage	≤ 1 %	≤ 1 %	≤ 1 %	≤ 1 %
Microbial	ASTM G21 ASTM G22 BS ISO EN846	ASTM G21 ASTM G22 BS ISO EN846	ASTM G21 ASTM G22 BS ISO EN846	ASTM G21 ASTM G22 BS ISO EN846
Texture	11-34219 / Class II	11-34219 / Class II	11-34219 / Class II	11-34219 / Class II
Strength	ISO 105-B02 grade 8	ISO 105-B02 grade 8	ISO 105-B02 grade 8	ISO 105-B02 grade 8
Suitable for moist conditions	yes	yes	yes	yes
Retardant	DIN 4102, Class B1 NFPA 701 UNE-EN 13773:2003, Class 1	DIN 4102, Class B1 NFPA 701 UNE-EN 13773:2003, Class 1	DIN 4102, Class B1 NFPA 701 UNE-EN 13773:2003, Class 1	DIN 4102, Class B1 NFPA 701 UNE-EN 13773:2003, Class 1

Dimension specifications:	SCR-3001	SCR-3003	SCR-3005	SCR-3010
Width	98 in - 118 in 250 cm - 300 cm	98 in - 118 in 250 cm - 300 cm	98 in - 118 in 250 cm - 300 cm	98 in - 118 in 250 cm - 300 cm
Length	30 yd 27 m	30 yd 27 m	30 yd 27 m	30 yd 27 m
Weight	510 g/m ²	445 g/m ²	430 g/m ²	380 g/m ²
Thickness	0.76 mm	0.67 mm	0.64 mm	0.60 mm
Finishing	ultrasonic / cold cut possible	ultrasonic / cold cut possible	ultrasonic / cold cut possible	ultrasonic / cold cut possible
Joining	thermal or HF-welding	thermal or HF-welding	thermal or HF-welding	thermal or HF-welding

Values are approximate values. Individual results may vary slightly.



Optical Properties	Thermal Properties				Calculations based on reference glazing (1)				SCR-3003	Optical Properties	Thermal Properties				Calculations based on reference glazing (1)			
Openness factor	Tv	Rs	Ts	As	glat/SHGC	Improvement %	UV Blockage	BREEM Glare Class	Color number	Openness factor	Tv	Rs	Ts	As	glat/SHGC	Improvement %	UV Blockage	BREEM Glare Class
1%	9%	72%	13%	15%	0.24	23.6%	100%	1	01 - Chalk	3%	12%	70%	16%	14%	0.25	22.0%	97%	1
1%	7%	67%	11%	22%	0.25	22.2%	100%	2	02 - Chalk Beige	3%	8%	63%	12%	25%	0.25	21.0%	98%	2
1%	5%	55%	8%	37%	0.28	18.9%	100%	2	03 - Chalk Soft Gray	3%	7%	51%	10%	39%	0.28	17.7%	97%	2
1%	3%	40%	1%	89%	0.30	6.4%	100%	3	05 - Charcoal Iron Gray	3%	3%	42%	3%	65%	0.30	6.8%	96%	3
1%	1%	4%	1%	95%	0.31	4.7%	100%	4	06 - Ebony	3%	3%	5%	3%	92%	0.30	4.9%	98%	3
1%	1%	33%	3%	64%	0.28	12.8%	100%	3	08 - Soft Gray	3%	3%	33%	5%	62%	0.28	12.8%	97%	3
1%	1%	6%	1%	93%	0.30	5.2%	100%	4	10 - Charcoal Dark Bronze	3%	3%	7%	3%	60%	0.30	5.5%	98%	3
1%	5%	46%	9%	45%	0.27	16.3%	100%	2	11 - Beige Pearl Gray	3%	8%	43%	11%	46%	0.27	15.4%	97%	2

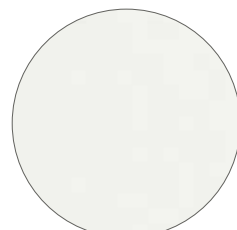
Optical Properties	Thermal Properties				Calculations based on reference glazing (1)				SCR-3010	Optical Properties	Thermal Properties				Calculations based on reference glazing (1)			
Openness factor	Tv	Rs	Ts	As	glat/SHGC	Improvement %	UV Blockage	BREEM Glare Class	Color number	Openness factor	Tv	Rs	Ts	As	glat/SHGC	Improvement %	UV Blockage	BREEM Glare Class
5%	13%	68%	17%	15%	0.25	22.3%	95%	1	01 - Chalk	10%	27%	57%	30%	13%	0.26	18.7%	89%	0
5%	19%	57%	22%	21%	0.28	18.0%	94%	1	02 - Chalk Beige	10%	20%	57%	23%	20%	0.26	16.9%	88%	0
5%	9%	49%	12%	39%	0.27	17.1%	94%	2	03 - Chalk Soft Gray	10%	14%	46%	17%	37%	0.27	16.0%	88%	1
5%	6%	34%	6%	80%	0.30	7.3%	94%	3	05 - Charcoal Iron Gray	10%	12%	14%	12%	74%	0.30	7.1%	89%	1
5%	5%	4%	5%	91%	0.31	4.5%	95%	3	06 - Ebony	10%	11%	4%	11%	85%	0.31	4.3%	89%	1
5%	7%	33%	9%	58%	0.28	12.8%	94%	3	08 - Soft Gray	10%	12%	30%	15%	55%	0.28	11.5%	89%	1
5%	5%	7%	5%	88%	0.30	5.4%	97%	3	10 - Charcoal Dark Bronze	10%	10%	7%	10%	83%	0.30	5.2%	90%	1
5%	10%	41%	13%	46%	0.27	14.7%	94%	2	11 - Beige Pearl Gray	10%	16%	37%	19%	44%	0.28	13.4%	89%	1

ICONIC BLACKOUT

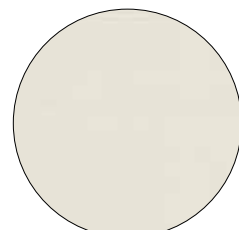
Iconic Blackout

Industry leading, Globally recognized 12oz Blackout Shade Cloth

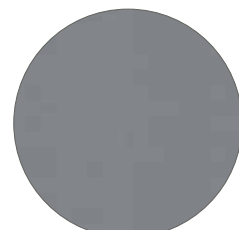
The collection offers 5 colors



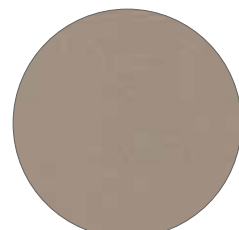
White



Linen



Gray



Fawn



Black

Style: **the Standard - 12oz 4 Ply Window Shade**

Construction: 4 ply lamination (73% vinyl and 27% fiberglass)
(Each vinyl is equal thickness and weight)

Surface Texture: Various Embossing Patterns Available

Thread Count: 60 threads per square inch (+4 / -6)
(23 per square cm)

Available Widths: 36", 45", 54", 63", 72", 77"
(91 cm, 114 cm, 137 cm, 160 cm, 183 cm, 196 cm)

Roll Lengths: 30 yards standard (Other lengths available upon request)
(27.4 m)

Weight: 12.5 oz. per square yard (+ / - 2.0)
(424 grams per square meter) (+ / - .68)

Thickness: 12.5 mil (+ / - 2.0)
(.318 mm) (+ / - .05)

Instron Tear Test: Warp Fill
Lbs./ft. 25.87 17.53

Instron Breaking Strength: Warp Fill
Lbs./ft. 100 77

Washability: Material may be dusted with a damp cloth. When scrubbing is necessary, warm water, mild detergents, and gentle rubbing are recommended

Opacity: Blackout
Visual check

Flammability: NFPA 701 Test Method 1 - 2015 Edition
FMVSS & CMVSS 302
California State Fire Marshal Section 13115, Registration No. F-35803

Other Tests Passed: ASTM G-21 – Resistance to Fungi
ASTM E1428-9 - Pink Staining
AATCC 16, Option 3 – 2003 – Colorfastness to Light
AATCC Test 30
(ATCC 6275 Aspergillus Niger)
(ATC 9645 Trichoderma Virus)
ASTM D4834-03 Lead Test
CSA-CAN 600.08 Lead Test
UL GreenGuard Gold Certified



Solar Heat Control Properties Interior Use at Zero Degree Profile Angle

No.	Color	SC (Single Glass)						SC (Insulating Glass)							
		Ts	Rs	As	Tv	Rv	Av	Tv	O-F	1/8" CI	1/4" CI	1/4" H.A	1/2" CI	1" CI	1" H.A.
11	White	Tr	77	23	Tr	NA	NA	NA	NA	0.22	NA	NA	0.2	NA	NA
23	Bone	Tr	69	31	Tr	59	41	Tr	0.2	0.27	0.28	0.29	0.26	0.28	0.23
47	Grey	Tr	45	55	Tr	Tr	Tr	NA	NA	0.44	0.43	0.37	NA	NA	NA
49	Dark Grey	Tr	30	70	Tr	28	72	Tr	0.2	0.55	0.53	0.42	0.52	0.49	0.35
10	Black	Tr	5	95	Tr	Tr	Tr	NA	NA	0.72	0.68	0.5	NA	NA	NA

Shipping: Rolls shipped on 3" (7.67cm) ID paper cores
Optional 1.317" (3.2 cm) ID paper cores available

Revised 10/2020

OUR LOCATIONS

NEW YORK HEADQUARTERS

1148 US 22
Mountainside, NJ 07092

CHICAGO OFFICE

2101 S. Carpenter Street
Chicago, IL 60608

CALIFORNIA OFFICE

21636 Marilla Street
Chatsworth, CA 91311

PARTNER WITH CONFIDENCE

Shades by Matiss delivers a complete range of customizable, motorized, and manual shading systems that are designed for luxury, performance, and sustainability. Whether you're looking for high-tech, eco-conscious, or premium architectural solutions, we provide the ultimate in versatility, durability, and aesthetic appeal.

With over 25 years of expertise, we're more than just a supplier—we are your trusted partner, committed to supporting your business and driving project success.

To join our network, apply to become a dealer today.



www.shadesbymatiss.com
info@shadesbymatiss.com | 1-800-493-2040