

Product Certificate

Fire, Smoke Classification	FR (US) - NFPA 701 TM#1 B1(CN) - GB50222	BS (GB) - 5867 Part2 TypeB
Health & Safety	Oeko-tex Standard 100 class IV RoHS Directive (EU)2015/863 AATCC112-2014	Greenguard® Gold EN71 Part 3:1994 GB18586 - 2001
Bacterial & Fungal Resistance	ASTM G21-09 ASTM E 2180-07 Reduce more than 99.9% of bacteria	
Colour fastness to light	Grade 8 ISO105 B02:2014 ≥4.0 AATCC TM 16.3-2014; Option 3; Xenon Arc Lamp	
Warranty	5 Years	



Technical Data

STYLE		Convex	Morie	Kira
Composition		25% Polyester 75% PVC	25% Polyester 75% PVC	25% Polyester 75% PVC
Openness Factor		≈5%	≈3%	≈3%
UV Screen		Up to 95%	Up to 97%	Up to 97%
Width	inch cm	98"–118" 250–300	98"–118" 250–300	98"–118" 25–300
Weight	oz/yd ² (ISO 2286–2) g/m ²	12.94±5% 440 ± 5%	12.94±5% 440 ± 5%	14.41±5% 490 ± 5%
Thickness	inch (ISO 2286–3) mm	0.030 ± 5% 0.77 ± 5%	0.030 ± 5% 0.77 ± 5%	0.030 ± 5% 0.76 ± 5%
Mechanical	Resistance			
Breaking	Warp	≥1750 N/5cm	≥1700 N/5cm	≥1700 N/5cm
(ISO 13934–1)	Weft	≥ 950 N/5cm	≥1000 N/5cm	≥1350 N/5cm
Tear	Warp	≥105 N	≥120 N	≥150 N
(ISO 4674)	Weft	≥ 60 N	≥ 75 N	≥115 N
Packing		32.8 yards 30 lm	32.8 yards 30 lm	32.8 yards 30 lm
(Roll Length)				

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Colour fastness to light	Grade 8 ISO105 B02:2014 ≥4.0 AATCC TM 16.3-2014; Option 3; Xenon Arc Lamp	
Warranty	5 Years	



Technical Data

STYLE		Sateen Twill	Sea Shore
Composition		25% Polyester 75% PVC	25% Polyester 75% PVC
Openness Factor		≈3%	≈3%
UV Screen		Up to 97%	Up to 97%
Width	inch	98"–118"	98"–118"
	cm	250–300	250–300
Weight	oz/yd ²	14.11±5%	13.97±5%
	(ISO 2286–2) g/m ²	480 ± 5%	475 ± 5%
Thickness	inch	0.028 ± 5%	0.026 ± 5%
	(ISO 2286–3) mm	0.70 ± 5%	0.67 ± 5%
Mechanical		Resistance	
Breaking	Warp	≥1700 N/5cm	≥1750 N/5cm
	Weft	≥1180 N/5cm	≥1370 N/5cm
Tear	Warp	≥150 N	≥130 N
	Weft	≥115 N	≥ 95 N
Packing		32.8 yards 30 lm	32.8 yards 30 lm

Thermal and Optical Factors

Color	Side	Fabric Properties					Fabric & Glass	
		Thermal			Optical		SHGC % Improvement	SHGC
		Ts	Rs	As	Rv	Tv		

Convex

0101 White*White	A	16	65	19	72	12	54%	0.22
0102 White*Linen	A	16	59	25	64	12	49%	0.24
0103 White*Pearl	A	14	53	33	58	11	45%	0.25
0104 White*Black	A	6	29	65	35	5	31%	0.29
0105 White*Grey	A	10	42	48	46	7	37%	0.27
0106 White*Bronze	A	7	35	58	40	5	34%	0.27
0107 White*Sand	A	14	52	34	55	10	43%	0.25

Moire

0101 White*White	A	19	64	17	71	16	32%	0.24
0102 White*Linen	A	17	58	25	62	13	35%	0.24
0103 White*Pearl	A	15	52	33	57	12	38%	0.25
0104 White*Black	A	7	27	66	32	6	49%	0.29
0105 White*Grey	A	11	40	49	44	8	43%	0.27
0106 White*Bronze	A	9	32	59	37	7	46%	0.28
0107 White*Sand	A	15	50	35	53	11	39%	0.26

Kira

0101 White*White	A	17	65	18	72	14	55%	0.22
0102 White*Linen	A	15	60	25	65	11	49%	0.24
0103 White*Pearl	A	5	54	41	60	4	47%	0.22
0104 White*Black	A	5	34	61	40	4	34%	0.32
0105 White*Grey	A	8	45	47	49	6	40%	0.28
0106 White*Bronze	A	6	38	56	43	4	36%	0.30
0107 White*Sand	A	13	54	33	57	9	44%	0.26

Sea Shore

0318 White/Pearl*Grey	A	12	46	42	51	9	40%	0.26
0319 WWhite/White*Linen	A	16	62	22	68	13	51%	0.23
0320 White/Linen*Sand	A	14	55	31	58	10	45%	0.24
0321 WWhite/Linen*Grey	A	12	49	39	53	8	42%	0.25
0322 White/White*Black	A	10	43	47	50	9	40%	0.27
0325 White/White*Sand	A	15	58	27	63	12	48%	0.24

Recommended Comfort Classification				
Thermal Control	Visual			
	Daylight Utilization	Glare Control	Night Privacy	Outward Visibility

2	2	1	1	1
2	2	1	1	1
2	2	2	2	2
2	1	2	2	2
2	2	2	2	2
2	1	2	2	2
2	2	2	2	2

2	2	1	1	1
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2	2	1	1	1
2	2	1	1	1
2	1	2	1	2
2	1	2	1	2
2	2	1	1	1

Thermal and Optical Factors

Color	Side	Fabric Properties					Fabric & Glass	
		Thermal			Optical		SHGC % Improvement	SHGC
		Ts	Rs	As	Rv	Tv		

Sateen Twill

0101 White*White	A	17	67	16	73	14	55%	0.21
	B	17	66	17	73	14	55%	0.22
0102 White*Linen	A	13	62	25	67	10	51%	0.21
	B	13	57	30	59	10	46%	0.24
0103 White*Pearl	A	12	57	31	63	9	48%	0.23
	B	12	47	41	51	9	41%	0.26
0104 White*Black	A	4	37	59	43	3	36%	0.26
	B	4	15	81	17	3	21%	0.34
0105 White*Grey	A	15	48	37	57	7	45%	0.24
	B	11	52	37	36	7	31%	0.30
0106 White*Bronze	A	5	41	54	46	3	38%	0.25
	B	5	21	74	22	3	23%	0.32
0107 White*Sand	A	12	56	32	59	8	46%	0.23
	B	12	46	42	46	8	37%	0.27

Recommended Comfort Classification				
Thermal Control	Visual			
	Daylight Utilization	Glare Control	Night Privacy	Outward Visibility

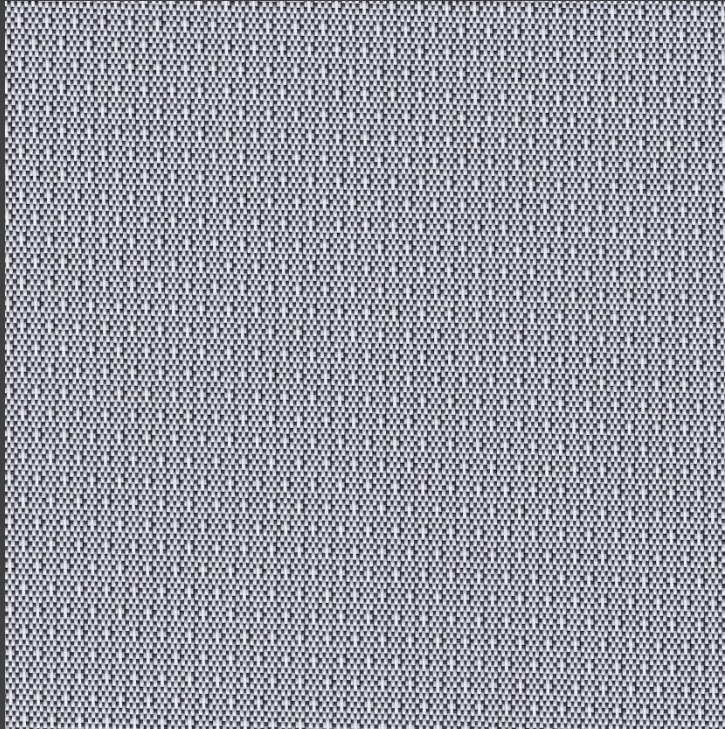
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2	2	1	2	1

Ts (Solar transmittance): Proportion of solar energy transmitted through the fabric. Rs (Solar reflectance): Proportion of solar radiation reflected by the fabric. As (Solar absorptance): Proportion of solar radiation absorbed by the fabric. Tv (Visible light transmittance): Total percentage of light radiation through the fabric over a wavelength of 380 to 780 nm. Rv (visible light reflectance): Total percentage of light radiation reflected by the fabric over a wavelength of 380 to 780 nm. SHGC (Total solar factor): Solar energy which actually penetrates into a room through the blind and glazing. A low value means good thermal performance.

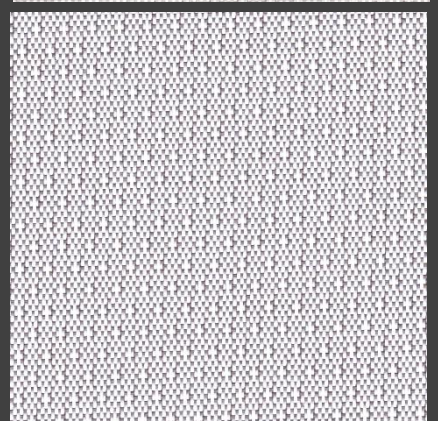
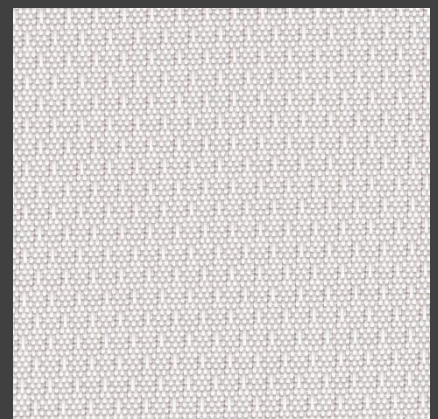
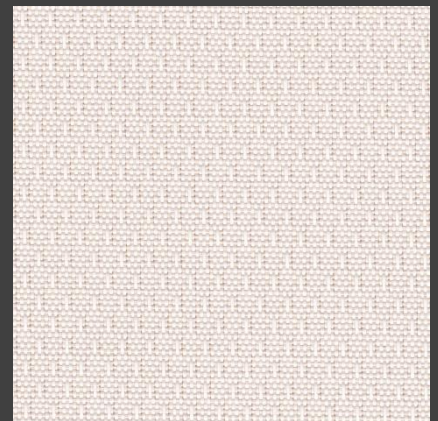
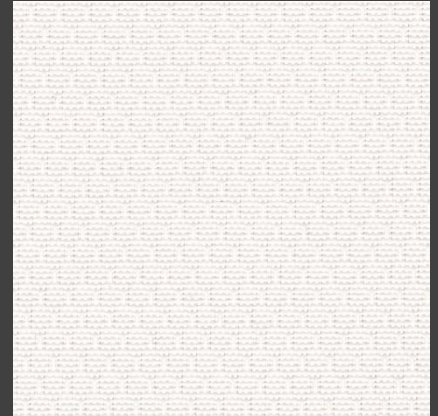
Comfort Classification According to EN14501 : 0. Very little effect 1. Little effect 2. Moderate effec 3. Good effect 4. Very good effec

Colours

Convex



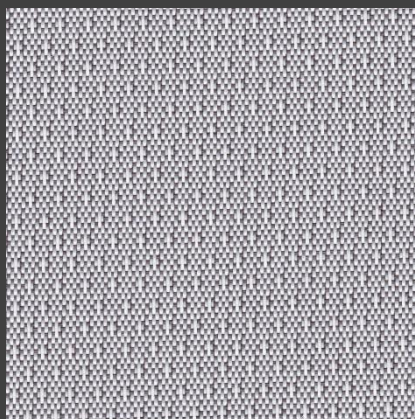
0101
White*White



0104 White*Black

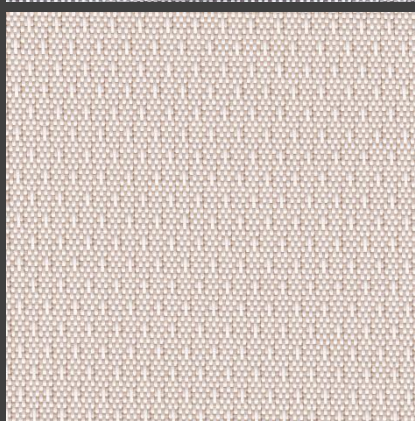
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White*Linen

0106
White*Brown



0103
White*Pearl

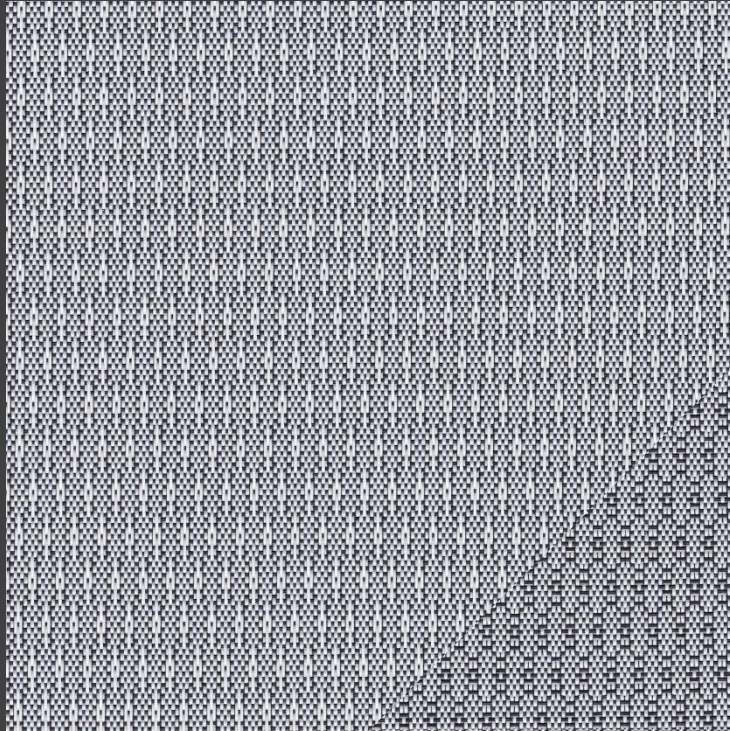
0107
White*Sand



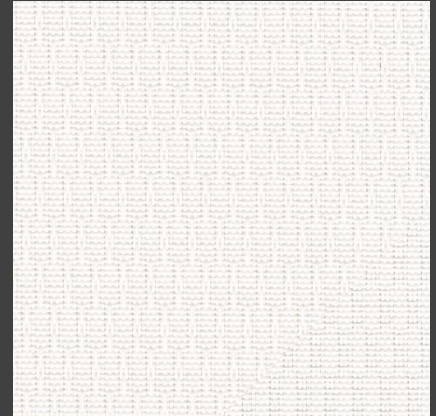
0105
White*Grey

Colours

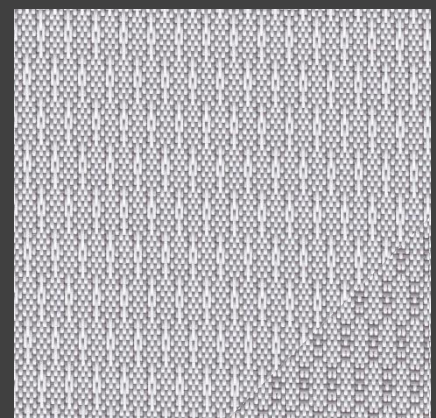
Morie



0101
White*White

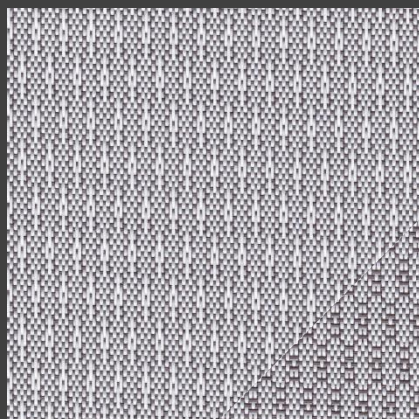


0102
White*Linen



0104 White*Black

0106
White*Bronze



0103
White*Pearl

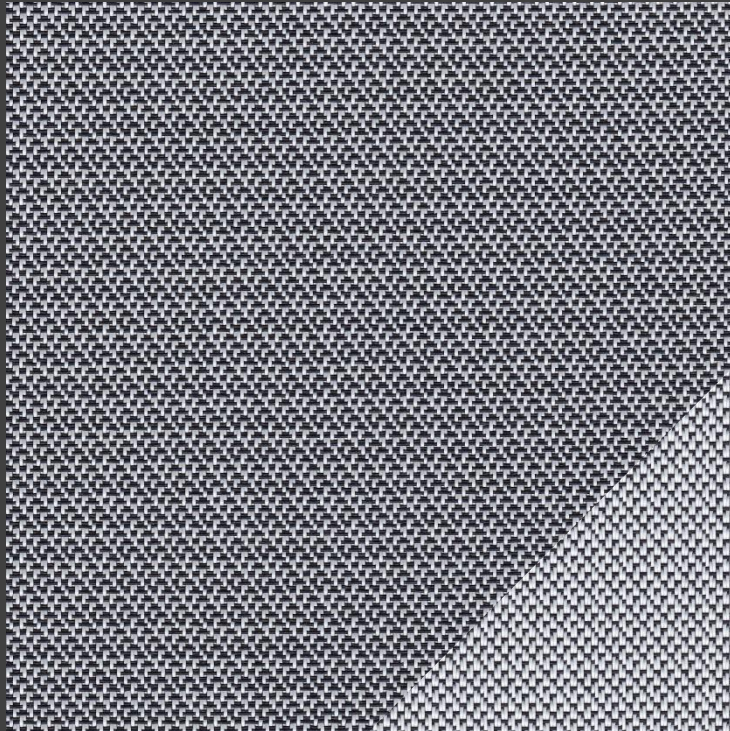
0107
White*Sand



0105
White*Grey

Colours

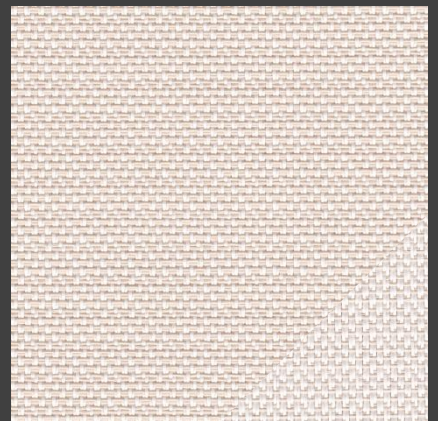
Kira



0101
White*White

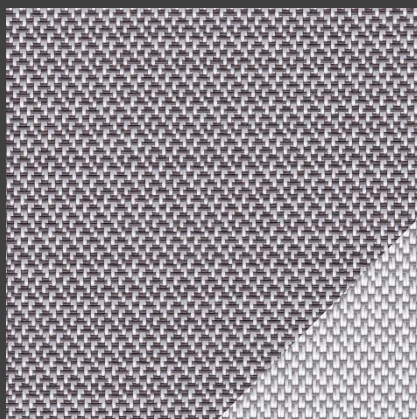


0102
White*Linen

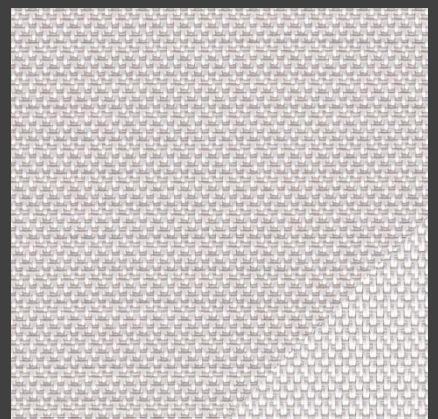


0104 White*Black

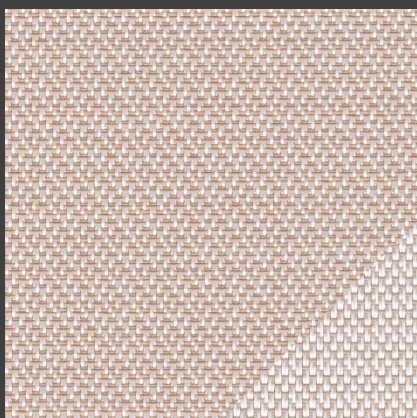
0106
White*Bronze



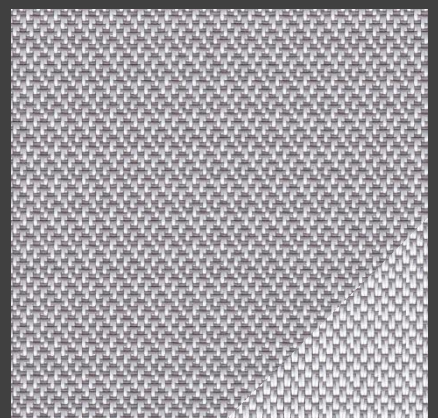
0103
White*Pearl



0107
White*Sand

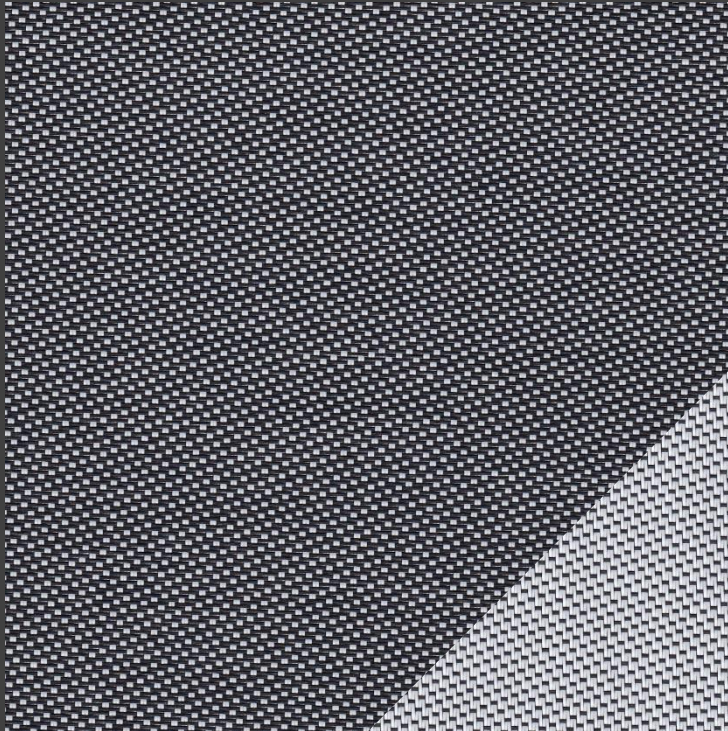


0105
White*Grey



Colours

Sateen Twill



0104 White*Black



0101
White*White



0102
White*Linen



0103
White*Pearl



0105
White*Grey

0106
White*Bronze

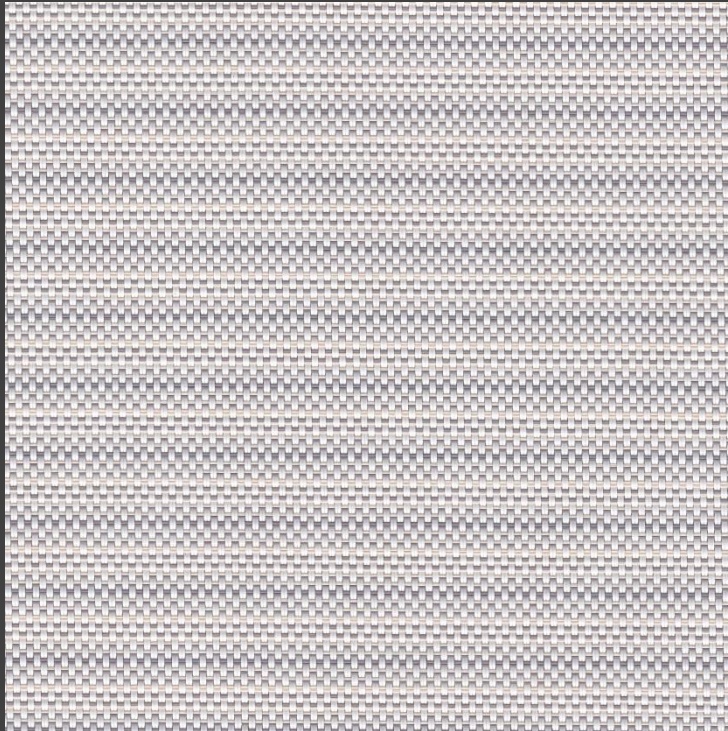


0107
White*Sand

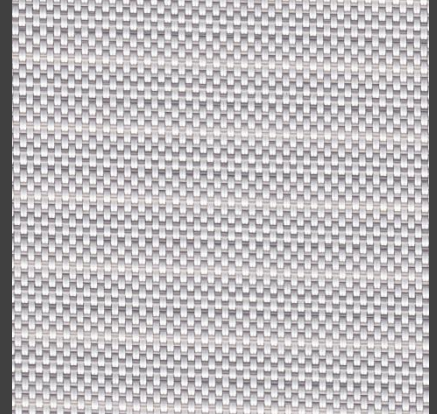


Colours

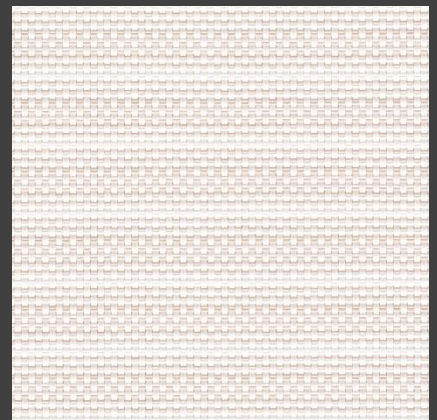
Sea Shore



0318
 White/Pearl*Grey



0319
 White/White*Linon



0321 White/Linen*Grey

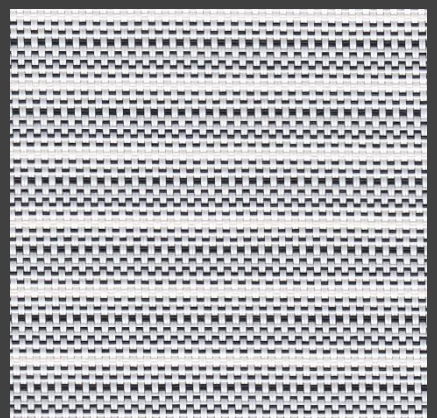


0320
 White/Linen*Sand

0319
 White/White*Sand



0322
 White/White*Black





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