

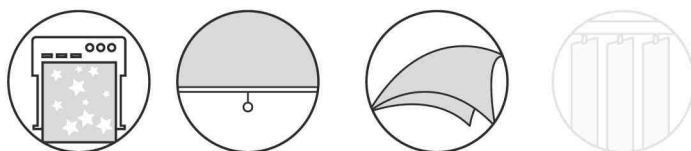
Sergé 3% — OF 3%

WS03A

FABRIC CODE

Ultra wide range of proprietary woven screen fabrics. Unsurpassed flexibility, applicable in any kind of situation.

Can be used both exterior and interior.



Sergé 3%

OF 3%

WS03A

FABRIC CODE

Yarn

Technical specifications	Average Values	Standard
Titer	165 tex	ISO 1889 (2009)
Weighted composition	Glass 41.5%, PVC 58.5%	ISO 3801 (1977)
Diameter	0.38 mm	

Fabric

Type of fabric	PVC-coated fiberglass fabric	
Weave pattern	twill weave	
Widths	1600, 1800, 2050, 2500, 2850	depending on color (see overview on the right page)
Roll length (nominally)	50 m / 2850 mm: 40 m	

Technical specifications	Average Values	Standard
Thickness	0.80 mm	ISO/DIS 5084.2 (1996)
Mass	544 g/m²	ISO 3801 (1977)
Fire resistance	M1	NF P92-503 (1995)
	FR	NFPA 701 (2010)
	B1	DIN 4102 (1998)
	C-s3, d0	EN 13501-1 (2010)
Breaking strength	warp 310 daN, weft 230 daN	ISO 13934-1 (1999)
Elongation at break	warp 3.8%, weft 4.2%	ISO 13934-1 (1999)
Tear resistance	warp 10 daN, weft 13 daN	ISO 4674 part 1 method A (2003)
Acoustics	Qw: 0,10	ISO 354:2003
Colorfastness (white excluded)	7 scale of blue	ISO 105 B02 (1994)
Air porosity	1030 l/m²/sec	ISO/DIS 9237 (1995)

Processing

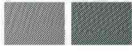
General - specifications are purely indicative and may not be considered as binding. Colors may vary from the samples shown.

Cutting	crush or ultrasonic; railroad or width out of roll width
Welding	thermal, HF, ultrasonic, sewing
Cleaning	remove dust from the fabric surface, then wipe gently with a humid soft sponge while using a mild detergent

Color	Color code	Name	1600 mm	1800 mm	2050 mm	2500 mm	2850 mm
	108101	grey-white *					
	108108	grey *					
	108112	grey-sand					
	108118	grey-black *					
	112101	sand-white					
	112113	sand-bronze					
	117101	pearl-white *					
	117108	pearl-grey					
	117117	pearl					
	118113	black-bronze					
	118118	black *					
	101101	white					

	113105	bronze-tangerine					
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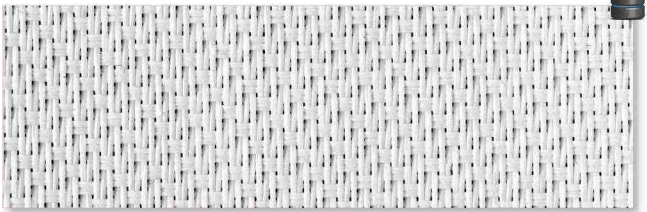
	113113	bronze					
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	116122	linen-lichen					
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	118112	black-sand					
	118116	black-linen					

* Also available in OF 5%, widths 1800, 2500, 2850 mm, MOQ: 300 m

101101 white
Widths: 1600, 1800, 2050, 2500, 2850 mm



Solar Heat & Light Control Properties

Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
18.9	66.9	14.2	19	16.1	2.9	3.3	16.5	Class 1	Class 3

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.2	0.35	0.18	0.36	0.14	0.35	0.09	0.25
Classes	2	2	2	1	3	1	4	2

108108 grey
Widths: 1600, 1800, 2050, 2500, 2850, 3200 mm



Solar Heat & Light Control Properties

Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
5.1	14.2	80.7	4.9	0.5	4.4	4.8	3.7	Class 1	Class 2

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.22	0.64	0.17	0.62	0.1	0.52	0.09	0.3
Classes	2	0	2	0	3	0	4	2

108101 grey-white A / B
Widths: 1600, 1800, 2050, 2500, 2850, 3200 mm



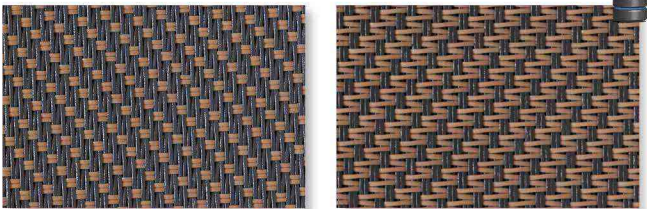
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
A	4.4	27.2	68.4	4.4	1.8	2.6	3	3.5	Class 3	Class 3
B	4.4	38.9	56.7	4.4	1.8	2.6	3	3.5	Class 3	Class 3

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
A Values	0.18	0.56	0.14	0.56	0.09	0.48	0.08	0.28
A Classes	2	0	3	0	4	1	4	2
B Values	0.16	0.49	0.12	0.5	0.08	0.44	0.07	0.27
B Classes	2	1	3	1	4	1	4	2

108112 grey-sand A / B
Widths: 1600, 1800, 2050, 2500, 2850, 3200 mm



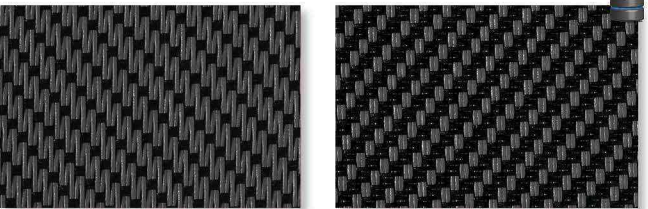
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
A	4.4	21.6	74	4.2	1	3.2	3.6	3.3	Class 1	Class 3
B	4.4	27.2	68.4	4.2	1	3.2	3.6	3.3	Class 1	Class 3

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
A Values	0.2	0.59	0.15	0.59	0.09	0.5	0.08	0.29
A Classes	2	0	2	0	4	1	4	2
B Values	0.18	0.56	0.14	0.56	0.09	0.48	0.08	0.28
B Classes	2	0	3	0	4	1	4	2

108118 grey-black A / B
Widths: 1600, 1800, 2050, 2500, 2850, 3200 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
A	3.7	12.7	83.6	3.7	0.4	3.2	3.6	2.7	Class 1	Class 3
B	3.7	9.6	86.7	3.7	0.4	3.2	3.6	2.7	Class 1	Class 3

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
A Values	0.21	0.64	0.16	0.63	0.1	0.53	0.09	0.3
A Classes	2	0	2	0	3	0	4	2
B Values	0.22	0.66	0.17	0.65	0.1	0.54	0.09	0.3
B Classes	2	0	2	0	3	0	4	2

112113 sand-bronze A / B

Widths: 1600, 1800, 2050, 2500, 2850, 3200 mm



Solar Heat & Light Control Properties

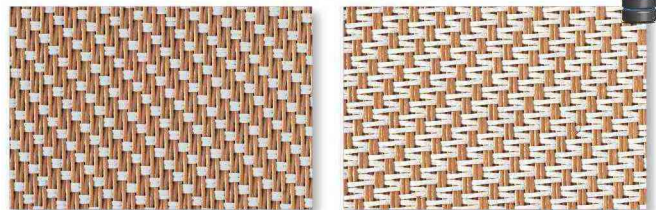
	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
A	4.2	28.5	67.3	3.7	1.3	2.4	2.7	2.9	Class 3	Class 3
B	4.2	20.3	75.5	3.7	1.3	2.4	2.7	2.9	Class 3	Class 3

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
A Values	0.18	0.55	0.14	0.55	0.09	0.48	0.07	0.28
A Classes	2	0	3	0	4	1	4	2
B Values	0.2	0.6	0.15	0.59	0.09	0.5	0.08	0.29
B Classes	2	0	2	0	4	0	4	2

112101 sand-white A / B

Widths: 1600, 1800, 2050, 2500, 2850, 3200 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
A	12.2	44.8	43	10.6	6	4.6	5.1	8.7	Class 1	Class 2
B	12.2	50.6	37.2	10.6	6	4.6	5.1	8.7	Class 1	Class 2

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
A Values	0.2	0.47	0.17	0.47	0.12	0.42	0.09	0.27
A Classes	2	1	2	1	3	1	4	2
B Values	0.19	0.43	0.16	0.44	0.11	0.41	0.08	0.26
B Classes	2	1	2	1	3	1	4	2

113113 bronze

Widths: 1600, 1800, 2050, 2500, 2850 mm



Solar Heat & Light Control Properties

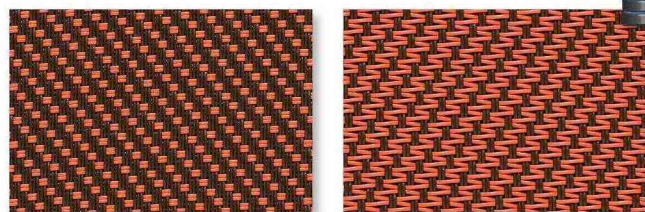
	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
	4.8	9.1	86.1	4.7	0.5	4.2	4.6	3.5	Class 1	Class 2

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.23	0.67	0.17	0.65	0.11	0.54	0.09	0.3
Classes	2	0	2	0	3	0	4	2

113105 bronze-tangerine A / B

Widths: 1600, 1800, 2050, 2500, 2850 mm



Solar Heat & Light Control Properties

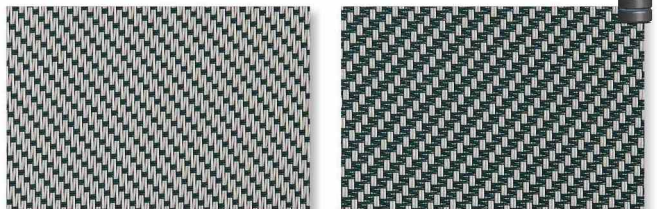
	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
A	7	14.4	78.7	5.2	1.2	4.1	4.5	4	Class 1	Class 2
B	7	20.6	72.5	5.2	1.2	4.1	4.5	4	Class 1	Class 2

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
A Values	0.23	0.64	0.18	0.62	0.12	0.52	0.1	0.3
A Classes	2	0	2	0	3	0	4	2
B Values	0.22	0.6	0.17	0.59	0.11	0.5	0.09	0.29
B Classes	2	0	2	0	3	0	4	2

116122 linen-lichen A / B

Widths: 1600, 1800, 2050, 2500, 2850 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
A	8	33.5	58.5	7.5	3.8	3.7	4.2	6.1	Class 1	Class 2
B	8	21.3	70.7	7.5	3.8	3.7	4.2	6.1	Class 1	Class 2

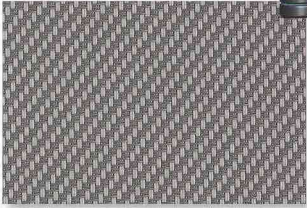
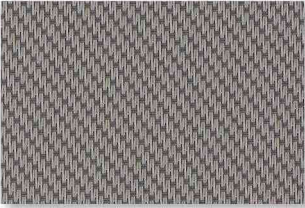
gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
A Values	0.2	0.53	0.16	0.53	0.1	0.46	0.08	0.28
A Classes	2	0	2	0	3	1	4	2
B Values	0.22	0.6	0.18	0.59	0.12	0.5	0.09	0.29
B Classes	2	0	2	0	3	1	4	2

117108

pearl-grey A / B

Widths: 1600, 1800, 2050, 2500, 2850, 3200 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
A	11	29.8	59.2	91	4.3	4.8	5.4	7.4	Class 1	Class 2
B	11	25.5	63.6	91	4.3	4.8	5.4	7.4	Class 1	Class 2

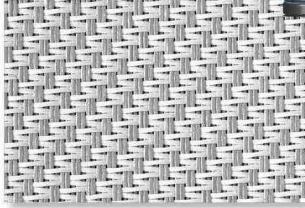
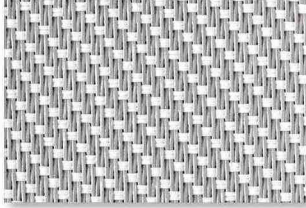
gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
A Values	0.23	0.55	0.18	0.55	0.12	0.47	0.1	0.28
A Classes	2	0	2	0	3	1	4	2
B Values	0.23	0.58	0.19	0.57	0.13	0.49	0.1	0.29
B Classes	2	0	2	0	3	1	3	2

117101

pearl-white A / B

Widths: 1600, 1800, 2050, 2500, 2850, 3200 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
A	7.2	46.9	45.9	5.8	3.3	2.4	2.8	4.7	Class 2	Class 3
B	7.2	53.5	39.3	5.8	3.3	2.4	2.8	4.7	Class 2	Class 3

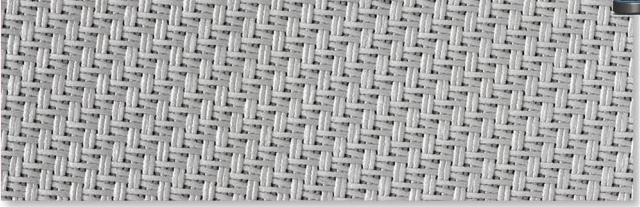
gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
A Values	0.16	0.45	0.13	0.46	0.09	0.42	0.07	0.27
A Classes	2	1	3	1	4	1	4	2
B Values	0.15	0.41	0.12	0.42	0.08	0.39	0.06	0.26
B Classes	3	1	3	1	4	1	4	2

117117

pearl

Widths: 1600, 1800, 2050, 2500, 2850, 3200 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
	7.7	39.7	52.6	6	2.6	3.4	3.8	4.8	Class 1	Class 3

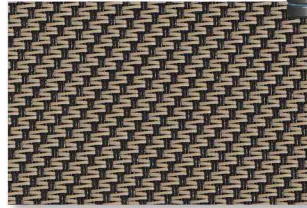
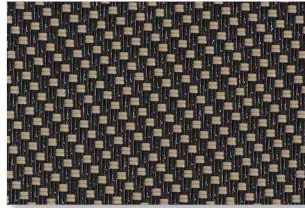
gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.18	0.49	0.15	0.5	0.1	0.44	0.08	0.27
Classes	2	1	3	1	4	1	4	2

118112

black-sand A / B

Width: 2850 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
A	4.9	13.7	81.4	4.4	1.1	3.3	3.6	3.4	Class 1	Class 3
B	4.9	21.2	73.9	4.4	1.1	3.3	3.6	3.4	Class 1	Class 3

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
A Values	0.22	0.64	0.17	0.63	0.1	0.52	0.09	0.3
A Classes	2	0	2	0	3	0	4	2
B Values	0.2	0.59	0.16	0.59	0.1	0.5	0.08	0.29
B Classes	2	0	2	0	4	1	4	2

118113

black-bronze A / B

Widths: 1600, 1800, 2050, 2500, 2850, 3200 mm

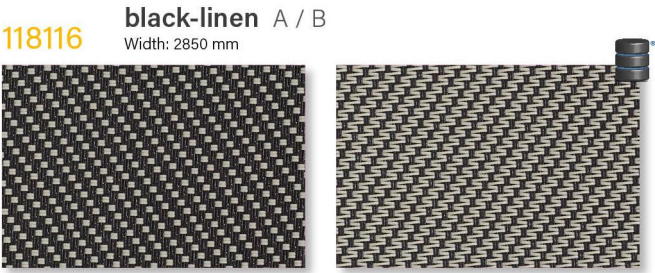


Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
A	6.0	5.8	88.2	5.8	0.5	5.3	5.8	4.4	Class 0	Class 2
B	6.0	6.2	87.9	5.8	0.5	5.3	5.8	4.4	Class 0	Class 2

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
A Values	0.24	0.69	0.19	0.67	0.12	0.55	0.10	0.30
A Classes	2	0	2	0	3	0	3	2
B Values	0.24	0.68	0.19	0.67	0.12	0.55	0.10	0.30
B Classes	2	0	2	0	3	0	3	2

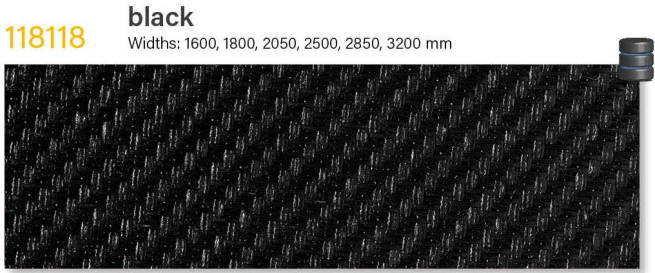


Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
A	5.6	161	78.3	5.3	1.6	3.6	4	41	Class 1	Class 3
B	5.6	26	68.4	5.3	1.6	3.6	4	41	Class 1	Class 3

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
A Values	0.22	0.63	0.17	0.61	0.11	0.52	0.09	0.29
A Classes	2	0	2	0	3	0	4	2
B Values	0.2	0.57	0.15	0.56	0.1	0.48	0.08	0.29
B Classes	2	0	2	0	3	1	4	2



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control	SUV
	2.6	5.2	92.2	2.6	0.3	2.3	2.6	2	Class 3	Class 3

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
Values	0.22	0.69	0.16	0.67	0.1	0.55	0.09	0.3
Classes	2	0	2	0	3	0	4	2