



**Sergé 3%**

OF 3%

OUTDOOR SCREENS

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



# Sergé 3%

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## OUTDOOR SCREENS

### Yarn

Technical specifications	Average Values	Standard
<b>Titer</b>	165 tex	ISO 1889 (2009)
<b>Weighted composition</b>	Glass 41.5%, PVC 58.5%	ISO 3801 (1977)
<b>Diameter</b>	0.38 mm	
<b>Environment</b>		GreenGuard certified

### Fabric

<b>Type of fabric</b>	PVC-coated fiberglass fabric
<b>Weave pattern</b>	twill weave
<b>In stock</b>	fabric number with the symbol *

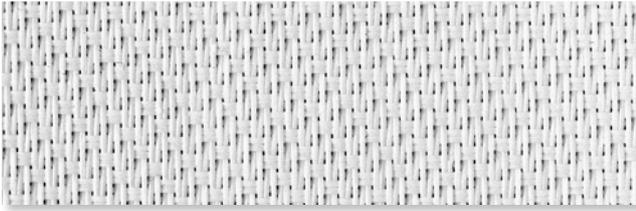
Technical specifications	Average Values	Standard
<b>Thickness</b>	0.80 mm	ISO/DIS 5084.2 (1996)
<b>Mass</b>	544 g/m <sup>2</sup>	ISO 3801 (1977)
<b>Fire resistance</b>	M1	NF P92-503 (1995)
	FR	NFPA 701 (2010)
	B1	DIN 4102 (1998)
<b>Breaking strength</b>	C-s3, d0	EN 13501-1 (2010)
<b>Breaking strength</b>	warp 310 daN, weft 230 daN	ISO 13934-1 (1999)
<b>Elongation at break</b>	warp 3.8%, weft 4.2%	ISO 13934-1 (1999)
<b>Tear resistance</b>	warp 10 daN, weft 13 daN	ISO 4674 part 1 method A (2003)
<b>Acoustics</b>	$\alpha_w$ : 0,10	ISO 354:2003
<b>Colorfastness</b> (white excluded)	7 scale of blue	ISO 105 B02 (1994)
<b>Air porosity</b>	1030 l/m <sup>2</sup> /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.

<b>Cleaning</b>	remove dust from the fabric surface, then wipe gently with a humid soft sponge while using a mild detergent
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101101\* white



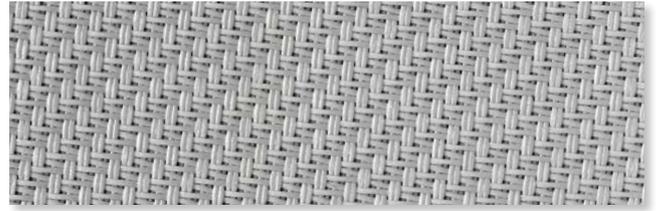
Solar Heat & Light Control Properties

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

g<sub>tot</sub>

	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

117117\* pearl



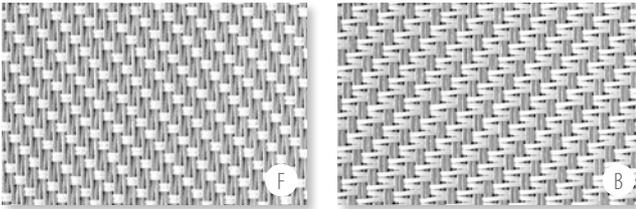
Solar Heat & Light Control Properties

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

g<sub>tot</sub>

	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

117101\* pearl-white F/B



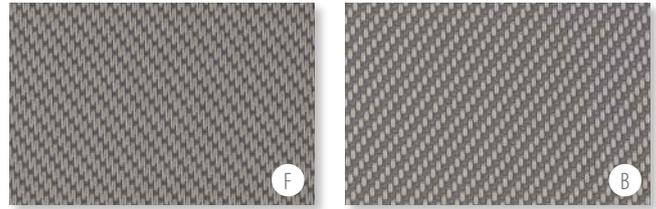
Solar Heat & Light Control Properties

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

g<sub>tot</sub>

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
F Values	0.16	0.45	0.13	0.46	0.09	0.42	0.07	0.27
F 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

117108\* pearl-grey F/B



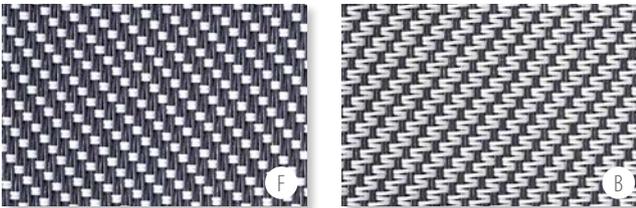
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control
F	11	29.8	59.2	9.1	4.3	4.8	5.4	7.4	Class 1
B	11	25.5	63.6	9.1	4.3	4.8	5.4	7.4	Class 1

g<sub>tot</sub>

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
F Values	0.23	0.55	0.18	0.55	0.12	0.47	0.1	0.28
F 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

108101\* grey-white F/B



Solar Heat & Light Control Properties

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

g<sub>tot</sub>

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
F Values	0.18	0.56	0.14	0.56	0.09	0.48	0.08	0.28
F 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

108108\* grey



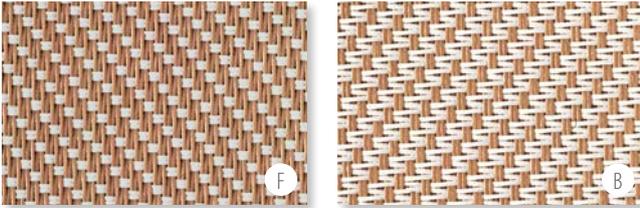
Solar Heat & Light Control Properties

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

g<sub>tot</sub>

	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

112101\* sand-white F/B



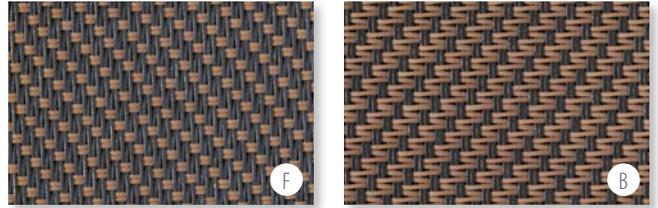
Solar Heat & Light Control Properties

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

g<sub>tot</sub>

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
F Values	0.2	0.47	0.17	0.47	0.12	0.42	0.09	0.27
F 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

108112\* grey-sand F/B



Solar Heat & Light Control Properties

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

g<sub>tot</sub>

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
F Values	0.2	0.59	0.15	0.59	0.09	0.5	0.08	0.29
F 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

113113\* bronze



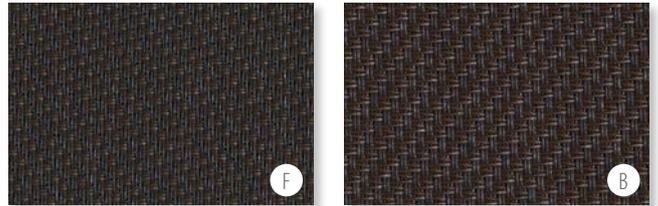
Solar Heat & Light Control Properties

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

g<sub>tot</sub>

	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

118113 black-bronze F/B



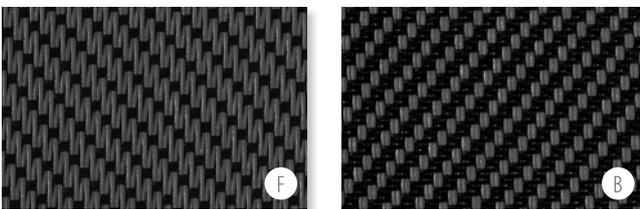
Solar Heat & Light Control Properties

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

g<sub>tot</sub>

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
F Values	0.24	0.69	0.19	0.67	0.12	0.55	0.10	0.30
F 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

108118\* grey-black F/B



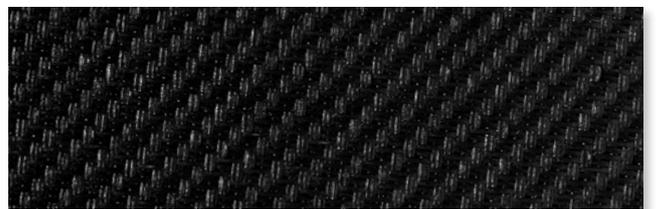
Solar Heat & Light Control Properties

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

g<sub>tot</sub>

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
F Values	0.21	0.64	0.16	0.63	0.1	0.53	0.09	0.3
F 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

118118\* black



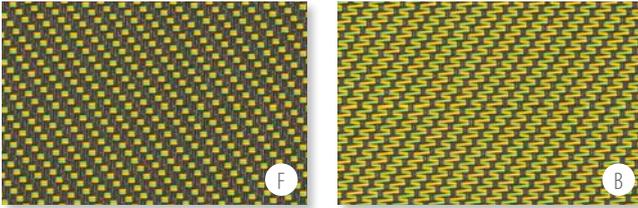
Solar Heat & Light Control Properties

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

g<sub>tot</sub>

	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

118181 **jamaica** F/B



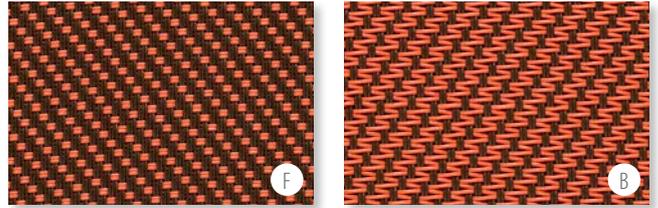
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control
F	6.7	13.7	79.6	6.3	1.6	4.7	5	4.9	Class 1
B	6.7	21.7	71.5	6.3	1.6	4.7	5	4.9	Class 1

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
F Values	0.23	0.64	0.18	0.63	0.11	0.52	0.09	0.3
F Classes	2	0	2	0	3	0	4	2
B Values	0.21	0.59	0.17	0.59	0.11	0.5	0.09	0.29
B Classes	2	0	2	0	3	1	4	2

113105\* **bronze-tangerine** F/B



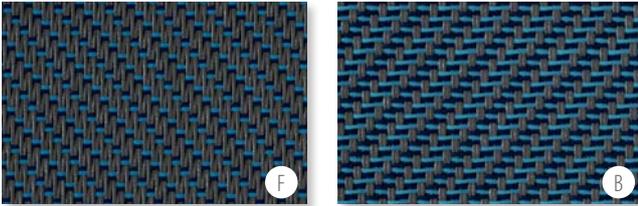
Solar Heat & Light Control Properties

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

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
F Values	0.23	0.64	0.18	0.62	0.12	0.52	0.1	0.3
F 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

108167\* **pacific** F/B



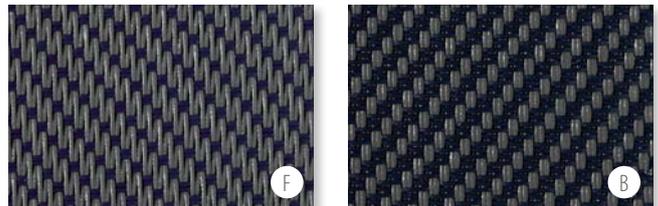
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control
F	4.8	18.8	76.4	4.1	0.6	3.5	3.9	3.1	Class 1
B	4.8	22.9	72.3	4.1	0.6	3.5	3.9	3.1	Class 1

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
F Values	0.21	0.61	0.16	0.6	0.1	0.51	0.08	0.29
F Classes	2	0	2	0	3	0	4	2
B Values	0.2	0.58	0.15	0.58	0.1	0.49	0.08	0.29
B Classes	2	0	2	0	3	1	4	2

108111\* **grey-dark blue** F/B



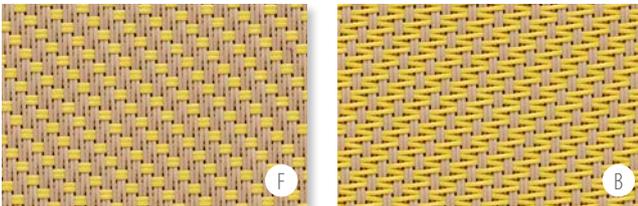
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control
F	3.6	16.8	79.6	2.9	0.4	2.5	2.9	2.2	Class 3
B	3.6	18.9	77.5	2.9	0.4	2.5	2.9	2.2	Class 3

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
F Values	0.2	0.62	0.15	0.61	0.09	0.51	0.08	0.29
F Classes	2	0	2	0	4	0	4	2
B Values	0.2	0.61	0.15	0.6	0.09	0.51	0.08	0.29
B Classes	2	0	2	0	4	0	4	2

112103\* **sand-yellow** F/B



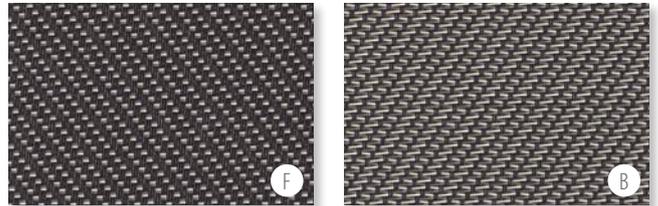
Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control
F	16.5	40.8	42.6	13.2	7.5	5.7	6.3	10.9	Class 0
B	16.5	42.4	41	13.2	7.5	5.7	6.3	10.9	Class 0

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
F Values	0.24	0.5	0.2	0.5	0.15	0.44	0.11	0.27
F Classes	2	1	2	1	3	1	3	2
B Values	0.24	0.49	0.2	0.49	0.15	0.43	0.11	0.27
B Classes	2	1	2	1	3	1	3	2

118316 **gravel** F/B



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare control
F	5.8	11.9	82.4	5.5	1.1	4.4	4.8	4.2	Class 1
B	5.8	18.0	76.2	5.5	1.1	4.4	4.8	4.2	Class 1

gtot

	A		B		C		D	
	ext.	int.	ext.	int.	ext.	int.	ext.	int.
F Values	0.23	0.65	0.18	0.64	0.11	0.53	0.09	0.30
F Classes	2	0	2	0	3	0	4	2
B Values	0.21	0.61	0.17	0.60	0.11	0.51	0.09	0.29
B Classes	2	0	2	0	3	0	4	2