



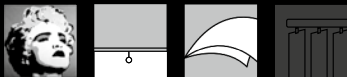
Star

Fabric code

TR01A / TR03A / TR07A

OF 1/3/7%

Combine effectiveness and beauty.
Ideal for finding the right combination
in visual and thermal comfort.



Internal applications

The Screen Essentials



Fabric code

TR01A / TR03A / TR07A

OF 1/3/7%

The Screen Essentials

Star

Yarn

Technical specifications	Average Values	Standard
Titer	115 tex	ISO 1889 (2009)
Weighted composition	Glass 34%, PVC 66%	ISO 3801 (1977)
Diameter	0.29 mm	
Environment		Oekotex standard 100 

Fabric


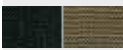



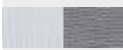



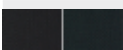




Type of fabric	PVC-coated fiberglass fabric
Weave pattern	satine weave
Widths	fabric on rolls: 2050, 2500 mm (tolerance -0%, +5%). Depending on color (see overview on the right page).
Roll length (nominally)	50 m

Technical specifications	Average Values			Standard
	1% OF	3% OF	7% OF (available on demand)	
Thickness	0.61 mm	0.57 mm	0.60 mm	ISO/DIS 5084.2 (1996)
Mass	463 g/m ²	420 g/m ²	395 g/m ²	ISO 3801 (1977)
Fire resistance	M1	M1	M1	NF P92-503 (1996)
	Class 1	Class 1	Class 1	EN 13773
	FR	FR	FR	NFPA 701 (2010)
	B1	B1	B1	DIN 4102 (1998)
Volatile organic compounds (VOC)	complies	complies	complies	DIBt (June 2004)
	complies	complies	complies	AgBB (March 2008)
	complies	complies	complies	AFSSET (2006)
	complies	complies	complies	GREENGUARD
	complies	complies	complies	GREENGUARD Children & Schools
Breaking strength warp/weft	210 daN/120 daN	190 daN/110 daN	220 daN/96 daN	ISO 13934-1 (1999)
Elongation at break warp/weft	4.4%/4.2%	3.6%/3.4%	3.8%/3%	ISO 13934-1 (1999)
Tear resistance warp/weft	6.1 daN/5.3 daN	7.2 daN/6.6 daN	3.8 daN/5.4 daN	ISO 4674 part 1 method A (2003)
Acoustics	α_w : 0,25			ISO 354:2003
Colourfastness	7-8 scale of blue	7-8 scale of blue	7-8 scale of blue	ISO 105 B02 (1994)
UV-resistance		min. 4 scale of grey (1-5)		ISO 105 B02 (1994)
Air porosity	465 l/m ² /sec	760 l/m ² /sec	1190 l/m ² /sec	ISO/DIS 9237 (1995)

The Quality Chain

General - specifications are purely indicative and may not be considered as binding. Colours 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	2050 mm	2500 mm
	118118	night	●	●
	118126	gold	●	●
	118150	dusk	●	●
	127127	ivory	●	●
	150117	silver	●	●
	150118	pewter	●	●
	150126	sahara	●	●
	150150	snow	●	●
	118121	hornet		●
	118122	sydney green		●
	127114	cappuccino		●
	150108	iron		●
	150114	alcantara		●
	150116	desert		●

Overview valid for OF 1%, 3% and 7%

Star 1%

118118 night

Widths: 2050, 2500 mm



Solar Heat & Light Control Properties

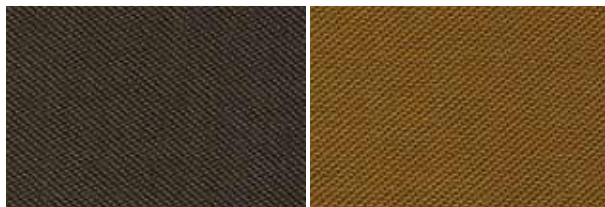
	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare Control
	1.3	5.8	92.9	1.3	0.3	0.9	1.3	1	Class 3

g_{tot}

	A	B	C	D
	int.	int.	int.	int.
Values	0.68	0.66	0.55	0.3
Classes	0	0	0	2

118121 hornet - A/B

Width: 2500 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare Control
A	2	9.1	88.8	1.7	0.7	1	1.4	1.4	Class 3
B	2	21.6	76.3	1.7	0.7	1	1.4	1.4	Class 3

g_{tot}

	A	B	C	D
	int.	int.	int.	int.
A Values	0.66	0.65	0.54	0.3
A Classes	0	0	0	2
B Values	0.59	0.58	0.5	0.29
B Classes	0	0	1	2

118122 sydney green - A/B

Width: 2500 mm



Solar Heat & Light Control Properties

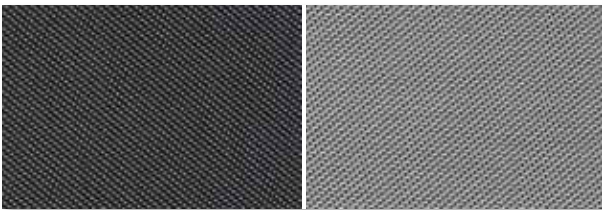
	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare Control
A	1.7	5.8	92.5	1.6	0.4	1.2	1.6	1.2	Class 3
B	1.7	5.9	92.4	1.6	0.4	1.2	1.6	1.2	Class 3

gtot

	A	B	C	D
	int.	int.	int.	int.
A Values	0.68	0.66	0.55	0.3
A Classes	0	0	0	2
B Values	0.68	0.66	0.55	0.3
B Classes	0	0	0	2

118150 dusk - A/B

Widths: 2050, 2500 mm



Solar Heat & Light Control Properties

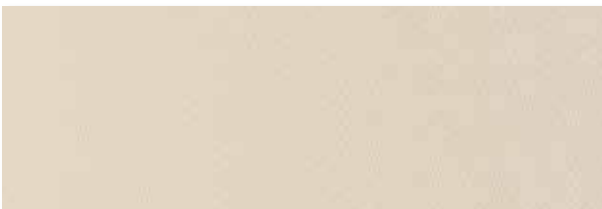
	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare Control
A	2	11.4	86.6	1.9	0.8	1.1	1.4	1.5	Class 3
B	2	32.2	65.7	1.9	0.8	1.1	1.4	1.5	Class 3

gtot

	A	B	C	D
	int.	int.	int.	int.
A Values	0.65	0.64	0.53	0.3
A Classes	0	0	0	2
B Values	0.53	0.53	0.46	0.28
B Classes	0	0	1	2

127127 ivory

Widths: 2050, 2500 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare Control
	24.8	59.5	15.7	24.1	22.7	1.4	2	21.3	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.4	0.41	0.38	0.26
Classes	1	1	1	2

118126 gold - A/B

Widths: 2050, 2500 mm

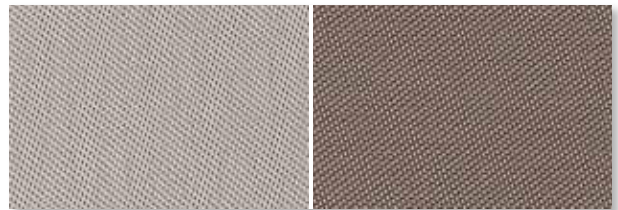


Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare Control
A	2	9	89	1.8	0.8	1	1.4	1.4	Class 3
B	2	22.3	75.7	1.8	0.8	1	1.4	1.4	Class 3

127114 cappuccino - A/B

Width: 2500 mm



Solar Heat & Light Control Properties

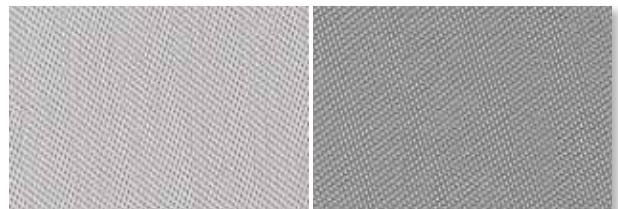
	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare Control
A	9.6	42.3	48.1	8.7	7.6	1.1	1.7	7.6	Class 1
B	9.6	21.3	69	8.7	7.6	1.1	1.7	7.6	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
A Values	0.48	0.48	0.43	0.27
A Classes	1	1	1	2
B Values	0.6	0.59	0.5	0.29
B Classes	0	0	0	2

150108 iron - A/B

Width: 2500 mm



Solar Heat & Light Control Properties

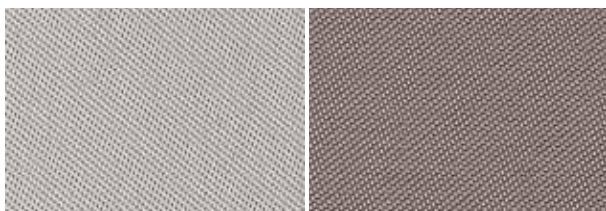
	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare Control
A	10.4	54.7	34.9	8.3	7	1.3	1.8	7.2	Class 1
B	10.4	34.5	55.1	8.3	7	1.3	1.8	7.2	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
A Values	0.41	0.42	0.39	0.26
A Classes	1	1	1	2
B Values	0.52	0.52	0.46	0.28
B Classes	0	0	1	2

150114 alcantara - A/B

Width: 2500 mm



Solar Heat & Light Control Properties

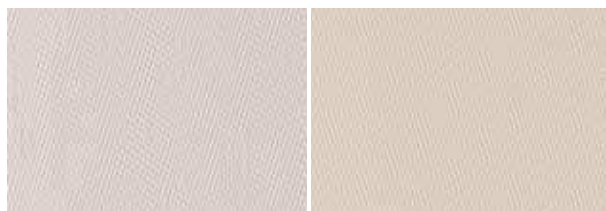
	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare Control
A	8	50.8	41.2	7.2	5.9	1.3	1.8	6.2	Class 1
B	8	25.8	66.2	7.2	5.9	1.3	1.8	6.2	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
A Values	0.43	0.44	0.4	0.26
A Classes	1	1	1	2
B Values	0.57	0.57	0.49	0.29
B Classes	0	0	1	2

150116 desert - A/B

Width: 2500 mm



Solar Heat & Light Control Properties

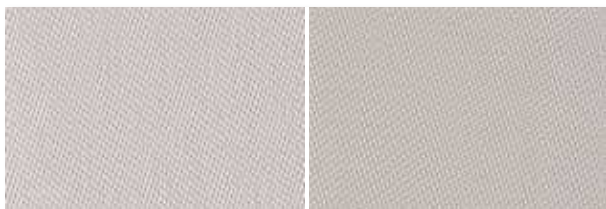
	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare Control
A	18.6	64.5	17	17.1	15.4	1.6	2.2	14.9	Class 1
B	18.6	59.6	21.9	17.1	15.4	1.6	2.2	14.9	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
A Values	0.36	0.38	0.36	0.25
A Classes	1	1	1	2
B Values	0.39	0.4	0.38	0.26
B Classes	1	1	1	2

150117 silver - A/B

Widths: 2050, 2500 mm



Solar Heat & Light Control Properties

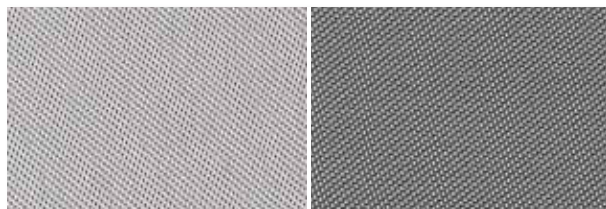
	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare Control
A	15.3	59.8	24.9	13.9	12.5	1.4	2	12.2	Class 1
B	15.3	48	36.8	13.9	12.5	1.4	2	12.2	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
A Values	0.38	0.4	0.38	0.26
A Classes	1	1	1	2
B Values	0.45	0.46	0.41	0.27
B Classes	1	1	1	2

150118 pewter - A/B

Widths: 2050, 2500 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare Control
A	7.4	50.2	42.4	7.1	5.7	1.4	1.9	6.1	Class 1
B	7.4	23.6	69	7.1	5.7	1.4	1.9	6.1	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
A Values	0.43	0.44	0.41	0.26
A Classes	1	1	1	2
B Values	0.58	0.58	0.49	0.29
B Classes	0	0	1	2

150126 sahara - A/B

Widths: 2050, 2500 mm



Solar Heat & Light Control Properties

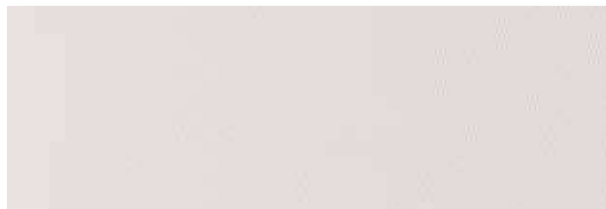
	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare Control
A	15.5	62.3	22.2	13.8	12.6	1.2	1.7	12.1	Class 1
B	15.5	52.6	31.9	13.8	12.6	1.2	1.7	12.1	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
A Values	0.37	0.39	0.37	0.25
A Classes	1	1	1	2
B Values	0.43	0.43	0.4	0.26
B Classes	1	1	1	2

150150 snow

Widths: 2050, 2500 mm



Solar Heat & Light Control Properties

	Ts	Rs	As	Tv	TVdiff	TVdir	Tuv	TVdif-h	Glare Control
	18.9	69	12	18.2	17.3	0.9	1.3	16.1	Class 1

gtot

	A	B	C	D
	int.	int.	int.	int.
Values	0.33	0.35	0.35	0.25
Classes	1	1	2	2