

# Polyester Screen Collection

SP2000, SP2400 & SP2600

## SP2000 - <1% OF

520g/m <sup>2</sup>		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0101	White/White	15	67	18	<1
0107	White/Beige	13	62	25	<1
0112	White/Grey	7	51	42	<1
0707	Beige/Beige	14	52	34	<1
1212	Grey/Grey	6	37	57	<1
1313	Dark Grey/Dark Grey	3	17	80	<1
1919	Charcoal/Charcoal	0	4	96	<1

## SP2000 - 3% OF

445g/m <sup>2</sup>		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0101	White/White	17	65	18	10
0107	White/Beige	16	55	29	9
0112	White/Grey	10	43	47	6
0707	Beige/Beige	12	52	36	8
1212	Grey/Grey	7	31	62	4
1213	Grey/Dark Grey	5	23	72	4
1313	Dark Grey/Dark Grey	3	12	85	5
1919	Charcoal/Charcoal	2	4	94	3

## SP2000 - 5% OF

420g/m <sup>2</sup>		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0101	White/White	20	66	14	12
0107	White/Beige	19	56	25	18
0112	White/Grey	12	44	44	9
0707	Beige/Beige	16	51	33	11
1212	Grey/Grey	9	32	59	7
1213	Grey/Dark Grey	8	24	68	7
1313	Dark Grey/Dark Grey	5	6	89	6
1919	Charcoal/Charcoal	5	5	90	6

## SP2400 - 1% OF

470g/m <sup>2</sup>		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0101	White/White	16.5	71	12.5	13
0107	White/Beige	15.5	66	18.5	12
0112	White/Grey	10.5	63	26.5	8
0113	White/Dark Grey	5.5	56	38.5	3
0114	White/Sand	10.5	63	26.5	5.5
0119	White/Charcoal	2	50	48	1

## SP2400 - 3% OF

425g/m <sup>2</sup>		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0101	White/White	20	64	16	14
0107	White/Beige	16	59	25	10
0112	White/Grey	14	54	32	9
0113	White/Dark Grey	9	46	45	6
0114	White/Sand	12	45	43	9
0119	White/Charcoal	3	40	57	3

## SP2600 Flyscreen

		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
1919	Charcoal/Charcoal	N/A	N/A	N/A	N/A

SG2000 & SG2400 are Oeko-Tex 100 class IV, REACH compliant, Greenguard and Lead Free. In addition, they are FR to M1 & B1. SP2600 is Microban® protected.

Ts = Solar Transmittance  
Rs = Solar Reflectance  
As = Solar Absorption  
Tv = Visual Transmittance  
OF = Openness Factor

# Polyester Screen Collection

SP2000, SP2400 & SP2600

SP2000 Multi-Purpose  
8 Colours. 2500mm & 3000mm wide

SP2400 White side to glass  
6 Colours. 2500mm & 3000mm wide

SP2600 Flyscreen  
Up to 3350mm wide

www.shy.co.uk

## Fabric Performance - Heat

These performance characteristics are for internal blinds. In general the lighter the reverse colour the greater the reflectance of heat.

Care should be taken to manage heat build-up between the blind and glass, particularly if the glass type reflects energy back into the room.

## Fabric Performance - Energy

Generally, blinds are used in conjunction with glazing and there is a standard calculation for heat transferred into the building known as g<sub>tot</sub>. This information is available by contacting us.

## Fabric Care

Remove dust with a vacuum cleaner.

Periodically clean with a mixture of mild detergent and water (max 30°C) using a soft cloth, brush or sponge. Do not rub fabric too hard. Rinse thoroughly with clean water and allow to air dry, do not roll up wet. Use a non-coloured eraser to remove superficial stains. If in doubt test a small area first.

## Fabric Join Guide

Joins in the fabric will be seen if both the width and drop of the blind exceed the manufactured width of the cloth (please see the other side of this card). Usually the cloth is run horizontally, and the joins are positioned near the top of the blind, but if there is a mullion or feature in the window, on request it may be possible to line the join up with this. When only one blind in an area needs a join, on request we can match the rest of the blinds with a similar join and cloth direction.

## Other Fabrics

SHY have an extensive range of fabrics suitable for internal and/or external use from black-out to screen fabrics with different solar and optical performance. A range of insect screens are also available.

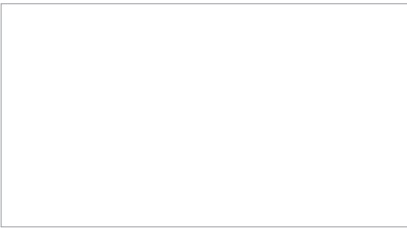
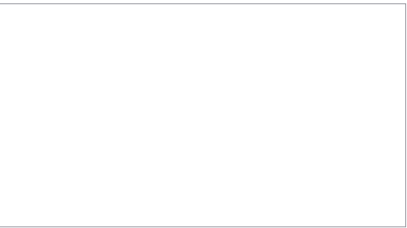
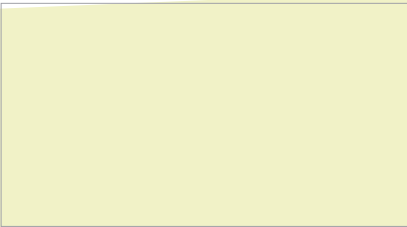
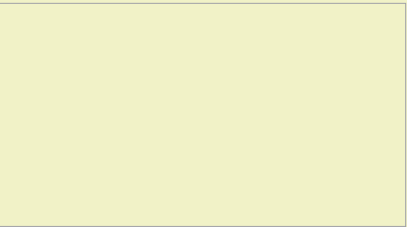
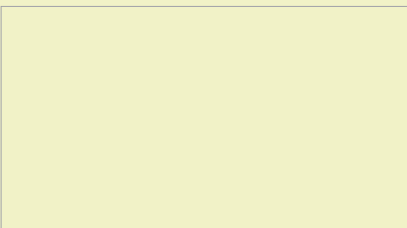
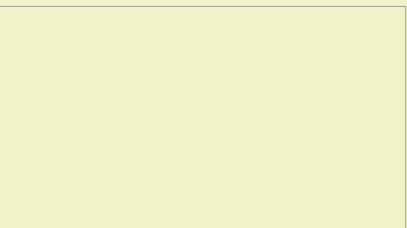
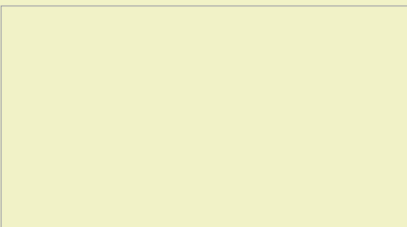
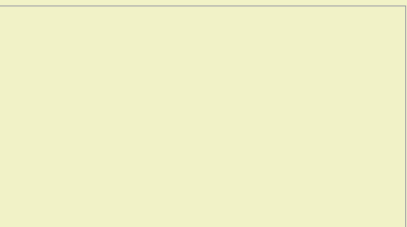
## Contact us

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SP2000

<1% OF	520g/m²	0.57mm thick	2500mm & 3000mm wide
3% OF	445g/m²	0.59mm thick	2500mm & 3000mm wide
5% OF	420g/m²	0.55mm thick	2500mm & 3000mm wide

<1% OF suitable for all SHY systems  
3% & 5% OF suitable for all SHY gravity and CTS tensioned systems (not FTS)  
General purpose polyester screen with no view through the <1% OF fabric

	<b>0101</b> White/White ALL OF		<b>0107</b> White/Beige ALL OF
	<b>0112</b> White/Grey ALL OF		<b>0707</b> Beige/Beige ALL OF
	<b>1212</b> Grey/Grey ALL OF		<b>1213</b> Grey/Dark Grey 3% & 5% OF only
	<b>1313</b> Dark Grey/ Dark Grey ALL OF		<b>1919</b> Charcoal/Charcoal ALL OF

SP2400

1% OF	470g/m²	0.63mm thick	2500mm & 3000mm wide
3% OF	425g/m²	0.60mm thick	2500mm & 3000mm wide

Suitable for all SHY gravity and CTS tensioned systems (not FTS).  
White face to glass for higher Rs% with darker interior colours than SP2000 fabrics – helping to reduce heat gain while still controlling glare.  
All colours in both OF.

	<b>0101</b> White/White 1%		<b>0107</b> White/Beige 1%
	<b>0112</b> White/Grey 1%		<b>0113</b> White/Dark Grey 1%
	<b>0114</b> White/Sand 1%		<b>0119</b> White/Charcoal 1%
	<b>0119</b> White/Charcoal 1%		<b>1919</b> Charcoal/Charcoal 1%
	<b>1919</b> Charcoal/Charcoal 3%		

SP2600 Flyscreen

Heavy-duty, vinyl-coated polyester insect screen  
Many widths up to 3350mm wide

Suitable for all SHY gravity systems and CTS roof blinds using 85mm² head boxes.  
Ideal for use in high traffic areas.

	<b>1919</b> Charcoal/Charcoal
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Solarscene fabrics provide protection against the heat and glare of the sun. The performance of the fabric depends on a number of factors including, for example, the colour and construction of the cloth, the type of glazing used, the openness of the material and whether the blind is installed internally or externally to the glazing. The charts shown in this specification guide are intended to provide an overview of each fabric performance but much more comprehensive information is available on request.



This card is intended to provide a good overview of the performance characteristics of these fabrics. However, we also have far more detailed performance data including full spectral analysis for building modelling – please contact us for further information.

Please note fabrics are subject to possible colour variations between batches.

Every care has been taken in producing this fabric card but SHY (UK) and its distributors cannot be held responsible for any errors or omissions. As we have a policy of continuous product improvement we reserve the right to amend fabric ranges and specifications without notice. E&OE

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