

Glass Fibre Screen Collection

SG1300

SG1300 - 3% OF

556g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0101	White/White	16	64	21	16
0105	White/Bone	12	58	30	11
0109	White/Platinum	8	50	42	8
1912	Charcoal/Grey	1	8	91	2
1919	Charcoal/Charcoal	1	4	95	2

SG1300 - 5% OF

478g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0101	White/White	19	68	13	17
0105	White/Bone	16	60	24	14
0109	White/Platinum	11	53	36	11
1912	Charcoal/Grey	7	9	84	7
1919	Charcoal/Charcoal	6	4	90	6

SG series fabrics are Microban®, Greenguard Gold, Lead Free, Printable, FR to BS 5867 2008 Part 2 and include a special technology to limit tracking during wind up.

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

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_{tot}. 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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www.shy.co.uk



Glass Fibre Screen Collection

SG1300, SG1500 & SG1700

SG1300 Heavy Duty
5 Colours. 2489mm wide

SG1500 Multi-Purpose
8 Colours. Up to 3200mm wide (not 10% OF)

SG1700 White Side to Glass
5 Colours. Up to 3200mm wide

www.shy.co.uk

Glass Fibre Screen Collection

SG1500 & SG1700

SG1500 - 1% OF

551g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0303	Oyster/Oyster	15	68	17	13
0307	Oyster/Beige	10	60	30	9
0310	Oyster/Pearl Grey	7	50	43	6
0707	Beige/Beige	7	50	43	6
0710	Beige/Pearl Grey	5	42	53	5
1010	Pearl Grey/Pearl Grey	3	32	65	3
1912	Charcoal/Grey	2	8	90	3
1919	Charcoal/Charcoal	1	4	95	1

SG1500 - 5% OF

403g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0303	Oyster/Oyster	21	61	18	14
0307	Oyster/Beige	17	54	29	12
0310	Oyster/Pearl Grey	14	45	41	10
0707	Beige/Beige	14	47	39	10
0710	Beige/Pearl Grey	11	38	51	9
1010	Pearl Grey/Pearl Grey	10	31	59	9
1912	Charcoal/Grey	5	9	86	6
1919	Charcoal/Charcoal	4	4	92	5

SG1700 - 1% OF

495g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0303	Oyster/Oyster	21	64	15	17
0307	Oyster/Beige	15	57	28	12
0310	Oyster/Pearl Grey	8	54	38	4
0311	Oyster/Pewter	6	43	51	6
0319	Oyster/Charcoal	5	39	56	6

SG1700 - 5% OF

379g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0303	Oyster/Oyster	22	62	16	20
0307	Oyster/Beige	23	54	23	21
0310	Oyster/Pearl Grey	19	51	30	21
0311	Oyster/Pewter	11	46	43	12
0319	Oyster/Charcoal	12	40	48	14

SG1500 - 3% OF

471g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0303	Oyster/Oyster	17	64	19	12
0307	Oyster/Beige	11	55	34	8
0310	Oyster/Pearl Grey	9	44	47	7
0707	Beige/Beige	10	48	42	7
0710	Beige/Pearl Grey	7	39	54	5
1010	Pearl Grey/Pearl Grey	6	31	63	5
1912	Charcoal/Grey	3	9	88	3
1919	Charcoal/Charcoal	3	3	94	3

SG1500 - 10% OF NOT 3200mm wide

356g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0303	Oyster/Oyster	27	57	16	21
0307	Oyster/Beige	24	51	25	19
0310	Oyster/Pearl Grey	20	45	35	16
0707	Beige/Beige	19	44	37	16
0710	Beige/Pearl Grey	17	39	44	15
1010	Pearl Grey/Pearl Grey	16	30	54	14
1912	Charcoal/Grey	12	8	80	14
1919	Charcoal/Charcoal	10	4	86	11

SG1700 - 3% OF

475g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0303	Oyster/Oyster	22	62	16	19
0307	Oyster/Beige	15	58	27	13
0310	Oyster/Pearl Grey	9	53	38	9
0311	Oyster/Pewter	8	44	48	9
0319	Oyster/Charcoal	7	40	53	8

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Tv = Visual Transmittance
OF = Openness Factor

SG1300

3% OF 556g/m² 0.64mm thick 2489mm wide only
 5% OF 478g/m² 0.56mm thick 2489mm wide only

Suitable for all SHY systems.
 A more robust glass fibre core yarn for very high traffic areas.
 All colours in both OF.

SG1500

1% OF 551g/m² 0.61mm thick 1600mm, 2489mm & 3200mm wide
 3% OF 471g/m² 0.48mm thick 1600mm, 2489mm & 3200mm wide
 5% OF 403g/m² 0.43mm thick 1600mm, 2489mm & 3200mm wide
 10% OF 356g/m² 0.43mm thick 1600mm & 2489mm wide only

Suitable for all SHY systems.
 Widest choice of colours and OF in the Glass Fibre Screen Collection.
 All colours in all OF.

SG1700

1% OF 495g/m² 0.66mm thick 1600mm, 2489mm & 3200mm wide
 3% OF 475g/m² 0.71mm thick 1600mm, 2489mm & 3200mm wide
 5% OF 379g/m² 0.64mm thick 1600mm, 2489mm & 3200mm wide

Suitable for all SHY systems.
 White face to glass for higher Rs% with darker interior colours than other SG series fabrics – helping to reduce heat gain while still controlling glare.
 All colours in all OF.

	0101 White/White 3%		0105 White/Bone 3%		0303 Oyster/Oyster 1%		0307 Oyster/Beige 1%		0303 Oyster/Oyster 1%		0307 Oyster/Beige 1%
	0109 White/Platinum 3%		1912 Charcoal/Grey 3%		0310 Oyster/Pearl Grey 1%		0707 Beige/Beige 1%		0310 Oyster/Pearl Grey 1%		0311 Oyster/Pewter 1%
	1919 Charcoal/Charcoal 3%		1919 Charcoal/Charcoal 3%		0710 Beige/Pearl Grey 1%		1010 Pearl Grey/ Pearl Grey 1%		0319 Oyster/Charcoal 1%		0319 Oyster/Charcoal 3%
			1912 Charcoal/Grey 1%		1919 Charcoal/Charcoal 5%		1919 Charcoal/Charcoal 5%		0319 Oyster/Charcoal 5%		
			1919 Charcoal/Charcoal 3%		1919 Charcoal/Charcoal 3%		1919 Charcoal/Charcoal 5%				
			1919 Charcoal/Charcoal 10%								



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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