

Glass Fibre Screen Collection

SG1300

SG1300 - 3% OF

560g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0101	White/White	19	70	11	18
0105	White/Bone	17	62	21	14
0109	White/Platinum	13	53	44	11
1912	Charcoal/Grey	3	12	85	3
1919	Charcoal/Charcoal	3	6	91	3

SG series fabrics are Antibacterial, Greenguard, Printable, FR to many worldwide standards, certificates are available on request.

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. 2500mm 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

410g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0303	Oyster/Oyster	16	72	12	16
0307	Oyster/Beige	15	65	20	12
0310	Oyster/Pearl Grey	10	55	35	8
0707	Beige/Beige	18	51	31	13
1207	Grey/Beige	8	36	56	5
1212	Grey/Grey	6	30	64	4
1912	Charcoal/Grey	2	8	90	2
1919	Charcoal/Charcoal	2	5	93	2

SG1500 - 3% OF

380g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0303	Oyster/Oyster	20	70	10	18
0307	Oyster/Beige	19	64	17	17
0310	Oyster/Pearl Grey	15	57	28	13
0707	Beige/Beige	20	50	30	15
1207	Grey/Beige	11	34	55	8
1212	Grey/Grey	9	29	62	7
1912	Charcoal/Grey	3	8	89	3
1919	Charcoal/Charcoal	3	5	92	3

SG1500 - 5% OF

365g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0303	Oyster/Oyster	23	67	10	22
0307	Oyster/Beige	22	59	19	19
0310	Oyster/Pearl Grey	17	50	33	15
0707	Beige/Beige	24	47	29	19
1207	Grey/Beige	16	37	47	14
1212	Grey/Grey	13	31	56	11
1912	Charcoal/Grey	7	9	84	8
1919	Charcoal/Charcoal	8	5	87	8

SG1700 - 1% OF

435g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0303	Oyster/Oyster	20	70	10	20
0307	Oyster/Beige	19	65	17	17
0310	Oyster/Pearl Grey	14	60	26	13
0311	Oyster/Pewter	10	54	36	7
0319	Oyster/Charcoal	5	49	46	5

SG1700 - 3% OF

430g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0303	Oyster/Oyster	24	67	9	25
0307	Oyster/Beige	23	63	14	21
0310	Oyster/Pearl Grey	17	61	22	15
0311	Oyster/Pewter	14	54	32	11
0319	Oyster/Charcoal	9	49	42	9

SG1700 - 5% OF

420g/m ²		Solar Optical Properties			
Code	Colour	Ts%	Rs%	As%	Tv%
0303	Oyster/Oyster	26	65	9	26
0307	Oyster/Beige	25	61	14	23
0310	Oyster/Pearl Grey	20	57	23	18
0311	Oyster/Pewter	17	53	30	14
0319	Oyster/Charcoal	12	42	46	12

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

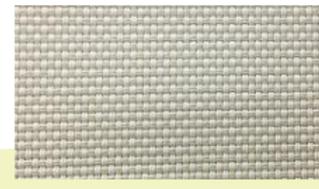
SG1300

3% OF 560g/m² 0.53mm thick 2500mm wide only

Suitable for all SHY systems.
A more robust glass fibre core yarn for very high traffic areas.



0101
White/White
3%



0105
White/Bone
3%



0109
White/Platinum
3%



1912
Charcoal/Grey
3%



1919
Charcoal/Charcoal
3%

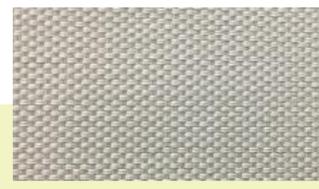
SG1500

1% OF 410g/m² 0.49mm thick 2500mm & 3200mm wide
3% OF 380g/m² 0.49mm thick 2500mm & 3200mm wide
5% OF 365g/m² 0.46mm thick 2500mm & 3200mm wide

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



0303
Oyster/Oyster
1%



0307
Oyster/Beige
1%



0310
Oyster/Pearl Grey
1%



0707
Beige/Beige
1%



1207
Grey/Beige
1%



1212
Grey/Grey
1%



1912
Charcoal/Grey
1%



1919
Charcoal/Charcoal
1%

SG1700

1% OF 435g/m² 0.65mm thick 2500mm wide only
3% OF 430g/m² 0.68mm thick 2500mm wide only
5% OF 420g/m² 0.68mm thick 2500mm wide only

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.



0303
Oyster/Oyster
1%



0307
Oyster/Beige
1%



0310
Oyster/Pearl Grey
1%



0311
Oyster/Pewter
1%



0319
Oyster/Charcoal
1%



0319
Oyster/Charcoal
1% BACK



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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