

SUNCOOI

FOCUS ON QUALITY

BY YUMA

F

SC-F1

Openness
Factor 3% & 5%

**FIBERGLASS FABRIC
SERIES**

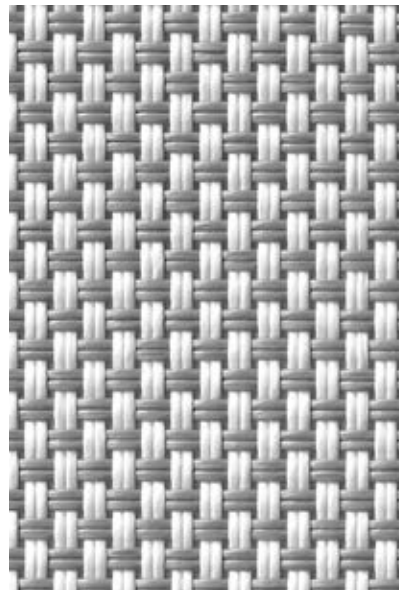




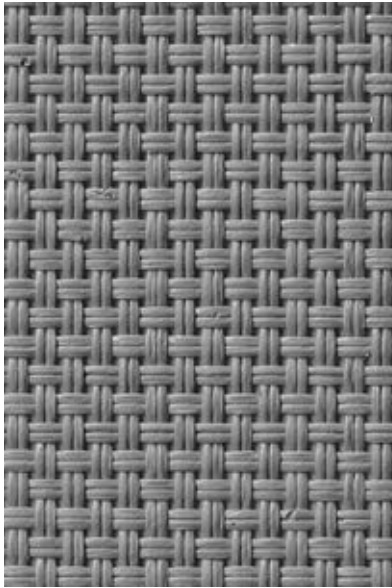
SC-F1-01 (3%&5%)



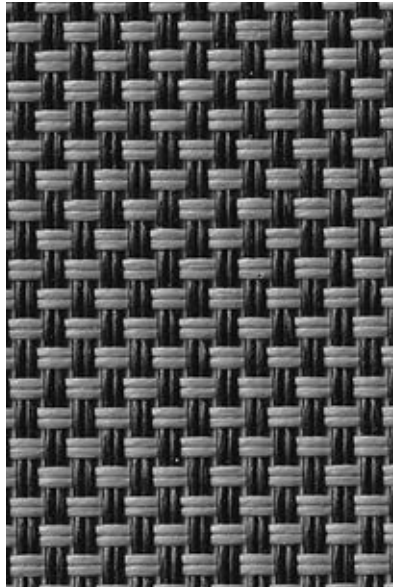
SC-F1-02 (3%&5%)



SC-F1-03 (3%&5%)



SC-F1-06 (3%&5%)



SC-F1-10 (3%&5%)



SC-F1-11 (3%&5%)

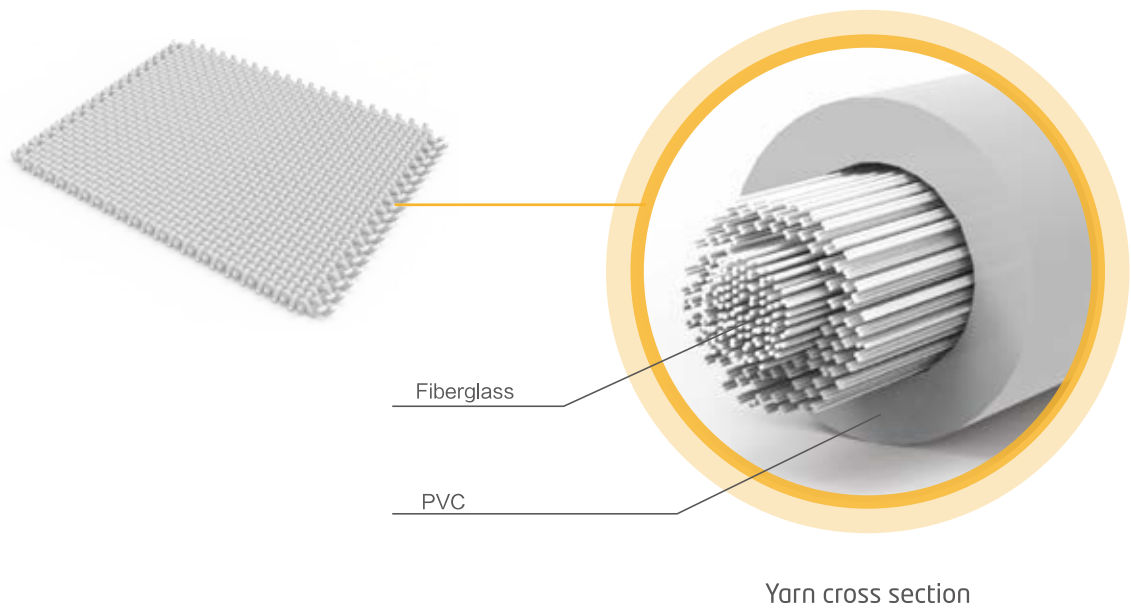
3%

Openness
Factor

5%

Openness
Factor

Fabric structure characteristics



Fiberglass series

Advantages

01

HIGH STRENGTH

Fiberglass material greatly improves the tensile strength of the fabric, has significant wind resistance and mechanical properties that is subjected to frequent use.

02

HIGH FIRE RETARDANT

Good fire retardant performance, oxygen index exceeds 32, reaching B1 standard; after fire, the inner of the fabric is glass fiber, which will not be deformed or carbonized.

03

HIGH STABILITY

The fiberglass fabric has low shrinkage, high dimensional stability, which can effectively prevent the warpage deformation and creep of the fabric.

04

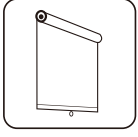
LONG SERVICE LIFE

The fiberglass fabric is UV-resistant, anti-aging, anti-acid and alkali resistant, weather resistant, so it has long service life.

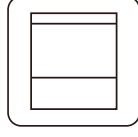
Performance comparison of fiberglass and polyester sunscreen fabric

Item	Fiberglass sunscreen fabric	Polyester sunscreen fabric
Fire resistance performance	Oxygen index > 32, reaching B1 standard. It can be used in large public buildings such as grand theaters and exhibition centers.	Oxygen index < 32. It can be used in commercial buildings, comprehensive buildings and other places.
Stability	Fiberglass sunscreen fabric tensile elongation is small, deformation coefficient is small after temperature change and force action, and can maintain fabric flatness for long time.	Polyester sunscreen fabric tensile elongation is bigger relatively after temperature change and force action, and the stability is not as good as that of the fiberglass sunscreen fabric.
Tensile strength	The fiberglass sunscreen fabric has higher tensile strength than polyester sunscreen fabric, and is more suitable for ultra-high curtains, ceiling curtains and other places with strong stress or tension requirements.	
Service life	Compared with polyester fabric, fiberglass fabric has no ductility, is not easy to be deformed, can maintain flatness for a long time, and has a longer service life.	

Main applications



Roller Shades



Zipper Track Roller Blinds



Panel Tracks

• Technical properties

Openness Factor **3%**

Composition	35%Fiberglass + 65%PVC	-
Finished width	200/250/300cm	78/98/118 inch
Weight per m ²	570g/m ² ±5 %	16.81 oz/yd ² ± 5 %
Thickness	0.75mm±5%	0.029" ± 5%
Yarn count	41 * 32	-
Breaking strength	Warp 2900N/5CM Weft 2800N/5CM	-

Openness Factor **5%**

Composition	35%Fiberglass + 65%PVC	-
Finished width	200/250/300cm	78/98/118 inch
Weight per m ²	540g/m ² ±5 %	15.93 oz/yd ² ± 5 %
Thickness	0.70mm±5%	0.028" ± 5%
Yarn count	36 * 36	-
Breaking strength	Warp 2800N/5CM Weft 2800N/5CM	-

• Flame retardancy

Flame retardancy	M1	NFP 92-507
	Pass	NFPA 701
	B1	GB 8624

• Solar optical values

Color fastness	8 Grade	GB 8427
----------------	---------	---------

• Eco friendly

Health certification	GreenGuard Gold	UL 2818- 2022
Heavy metal test (Cd/Pb/Hg)	None	GB/T 26125-2011
Odor test	None	GB 18401-2010.6.7
PH test	Pass	GB/T 7573-2009
Formaldehyde content test	None	GB/T 2912.1-2009
Mouldproof test	0 (Highest)	ASTM G 21-15 (2021)

• Certifications, labels



- The technical data above are averaged values with a $\pm 5\%$ tolerance.
- The purchaser of our products is responsible for their application or transformation in relation to possible third party rights.
- The purchaser of our products is responsible for their installation in compliance with the standards, working practices and safety regulations of their destination country.
- Please refer to our warranty document with regard to contractual liability.
- Values quoted in this document are commonly used test results for design purposes. They are given for information only in order to offer our customers optimum usage of our products.
- Our products are subject to improvements resulting from technical developments and we reserve the right to modify their characteristics at any time.
- The purchaser of our products is responsible for checking the above data. The colours and textures presented are included for information only.

