High–temp textiles
suntex

FLEXIBLE DUCT CONNECTOR FABRICS

Founded in 2004, Suntex produces a range of high quality coated textiles using fiberglass as a base material for high temperature resistance and fire protection applications. Nowadays, Suntex has been the pioneer and the leader in treated and finishes industrial textiles where thermal protection and high performance solutions are required.

With the most advance technology in Asia, Suntex believes in maintaining quality consistencies and continuous innovation to service the needs and wants of our working partners across the globe.

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FLEXIBLE DUCT CONNECTOR FABRICS

Flexible duct connector are used to eliminate duct system noises and vibrations for industrial and commercial applications.

Suntex offers series of coated fiberglass fabric for the fabrication of flexible connector which proves high strength, good chemical resistance, moisture resistance and air tight.

Style No.	Specification	Feature
Silicone Coated		
GF430P-SI233-1015	*Weight: 560gsm, Thickness: 0.42 mm*	*Silicon fabric has a special silicon rubber coating that has excellent resistance to high and low temperatures. Silicone is extremely resistant to chemicals and ozone, and emits very low smoke when burnt. Recommended for applications where high temperature is of main concern in both indoor and outdoor installations. Airtight, Waterproof and UV resistant.* *Temperature: -40°C ~ 300°C*
GF660P-SI264-1022	*Weight: 960gsm, Thickness: 0.72 mm*	
GF880P-SI254-1047	*Weight: 880gsm, Thickness: 0.95 mm*	
Polyurethane (PU) Coated		
GF431P-PU213-2047	*Weight: 460gsm, Thickness: 0.41 mm*	*Polyurethane coated fabrics are fragile in construction but have a longer resistance period to high temperature.* *Airtight, Waterproof and UV resistant* *Temperature: -40°C ~ 200°C*
Neoprene Coated		
GF431P-NE245-4005	*Weight: 600gsm, Thickness: 0.45 mm*	*Neoprene is recommended for use in application where high mechanical strength is required. Neoprene is extremely resistant to most alkalies, gas-online and toxic fumes.* *Airtight, waterproof and UV resistant.* *Temperature: -40°C ~ 121°C*
PTFE (Teflon) Coated		
GF430P-PE233-8006	*Weight: 680gsm, Thickness: 0.45 mm*	*PTFE is high flexural strength, even in low temperatures, high electrical resistance and dielectric strength, resistance to water , and low coefficient of friction.* *Airtight, Waterproof and UV resistant.* *Temperature: -40°C ~ 300°C*
Hypalon Coated		
PF200-HP200-8011	*Weight: 780gsm, Thickness: 0.65 mm*	*Hypalon coated fabric has the best resistance to ozone layer, and is the first choice for outdoor applications. It has excellent resistance to weathering, acids and is recommended for roof top applications.* *Airtight, Waterproof and UV resistant.* *Temperature: -40°C ~ 121°C*

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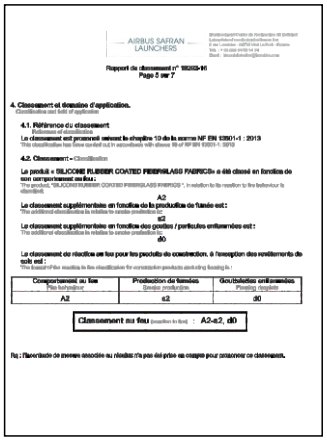
FLEXIBLE DUCT CONNECTOR FABRICS

Suntex fabrics are certified according to EN 13501-1 and NF P 92-507. Neoprene fabrics are certified according to EN 13758 for UV resistant.



AIRBUS SAFRAN LAUNCHERS

Rapport de classement n° 16303-16
Page 5 sur 7

4. Classement et domaine d'application.

4.1. Référence du classement

Le classement est prononcé suivant le chapitre 10 de la norme NF EN 13501-1 : 2013

4.2. Classement :

Le produit « SILICONE RUBBER COATED FIBREGLASS FABRIC/ » a été classé en fonction de son comportement au feu :

A2

Le classement supplémentaire en fonction de la production de fumée est :

s2

Le classement supplémentaire en fonction des gouttes / particules enflammées est :

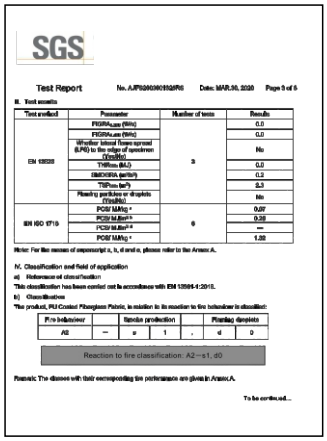
d0

Le classement de réaction au feu pour les produits de construction, à l'exception des revêtements de sols est :

Comportement au feu	Production de fumées	Gouttelettes enflammées
A2	s2	d0

Classement au feu : A2-s2, d0

Rq : l'ajout de divers encollés au résultat n'a pas été pris en compte pour prononcer ce classement.



SGS

Test Report No. AJ[illegible] Date: MAR.30, 2020 Page 5 of 6

III. Test results

Test method	Parameter	Number of tests	Results
EN 13823	$FIGRA_{0.2MJ}$ (W/s)	3	0.0
	$FIGRA_{0.4MJ}$ (W/s)		0.0
	Whether lateral flame spread (LFS) to the edge of specimen (Yes/No)		No
	THR_{600s} (MJ)		0.0
	SMOGRA (m²/s²)		0.2
	TSP_{600s} (m²)		2.3
	Flaming particles or droplets (Yes/No)		No
EN ISO 1716	PCS/ MJ/kg	6	0.07
	PCS/ MJ/m²*		0.32
	PCS/ MJ/m²*		—
	PCS/ MJ/kg *		1.20

Note: For the causes of superscript a, b, d and e, please refer to the Annex A.

IV. Classification and field of application

a) Reference of classification

The classification has been carried out in accordance with EN 13501-1:2018.

b) Classification

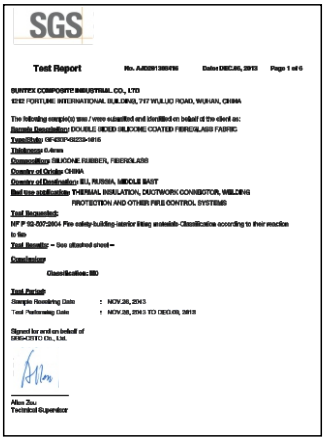
The product, PU-Coated Fiberglass Fabric, is relative to its reaction to fire behaviour is classified:

Fire behaviour	Smoke production		Flaming droplets	
A2	—	s	1	d 0

Reaction to fire classification: A2—s1, d0

Remark: The classes with their corresponding fire performance are given in Annex A.

To be continued...



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Test Report No. AJ[illegible] Date: DEC.05, 2013 Page 1 of 6

SUNTEX COMPOSITE INDUSTRIAL CO., LTD
1212 FORTUNE INTERNATIONAL BUILDING, 717 WULIU ROAD, WUHAN, CHINA

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description: DOUBLE FACED SILICONE COATED FIBREGLASS FABRIC
Type/Style: GF-E2X1-0225S-3816
Thickness: 0.4mm
Composition: SILICONE RUBBER, FIBREGLASS
Country of Origin: CHINA
Country of Destination: EU, RUSSIA, MIDDLE EAST
End Use application: THERMAL INSULATION, DUCTWORK CONNECTOR, WELDING PROTECTION AND OTHER FIRE CONTROL SYSTEMS

Test Requested:
NF P 92-507:2004 Fire safety-building-interior fitting materials-Classification according to their reaction to fire

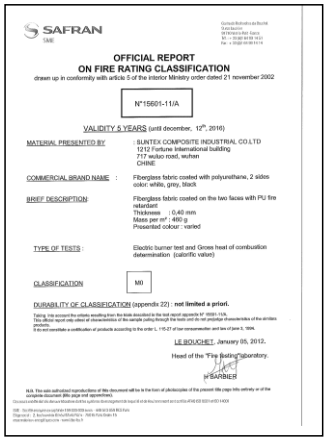
Test Results: -- See attached sheet --

Conclusion:
Classification: M0

Test Period:
Sample Receiving Date : NOV.26, 2013
Test Performing Date : NOV.26, 2013 TO DEC.05, 2013

Signed for and on behalf of SGS-CSTC (SH.), Ltd.

Alice Zou
Technical Supervisor



SAFRAN

OFFICIAL REPORT
ON FIRE RATING CLASSIFICATION
drawn up in conformity with article 5 of the interior Ministry order dated 21 november 2002

N°15601-11/A

VALIDITY 5 YEARS (until december, 12th, 2016)

MATERIAL PRESENTED BY : SUNTEX COMPOSITE INDUSTRIAL CO.LTD
1212 Fortune International building
717 wuliu road, wuhan
CHINE

COMMERCIAL BRAND NAME : Fiberglass fabric coated with polyurethane, 2 sides color: white, grey, black

BRIEF DESCRIPTION : Fiberglass fabric coated on the two faces with PU fire retardant
Thickness : 0,40 mm
Mass per m² : 460 g
Presented colour : varied

TYPE OF TESTS : Electric burner test and Gross heat of combustion determination (calorific value)

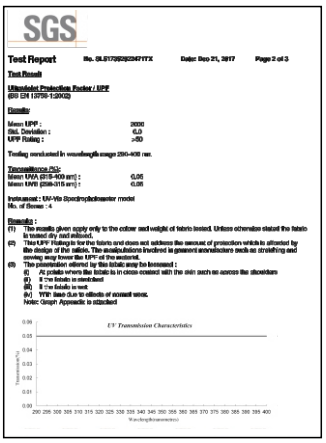
CLASSIFICATION : M0

DURABILITY OF CLASSIFICATION (appendix 22) : not limited a priori.

LE BOUCHET, January 05, 2012.

Head of the "Fire Safety" laboratory.

P.BARBIER



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Test Report No. SL[illegible] Date: Sep 21, 2017 Page 2 of 3

Test Result

Ultraviolet Protection Factor / UPF
(BS EN 13758-1:2002)

Results:

Mean UPF : 2000
Std. Deviation : 0.0
UPF Rating : >50

Testing conducted in wavelength range 290-400 nm.

Transmittance (%):
Mean UVA (315-400 nm) : 0.05
Mean UVB (290-315 nm) : 0.05

Instrument : UV-Vis Spectrophotometer model
No. of Scans : 4

Remarks :
(1) The results given apply only to the colour and weight of fabric tested. Unless otherwise stated the fabric is tested dry and unbound.
(2) The UPF Rating is for the fabric and does not address the amount of protection which is afforded by the design of the article. The considerations involved in garment manufacture such as shrinkage and sewing may lower the UPF of the material.
(3) The protection offered by the fabric may be increased :
(a) At points where the fabric is in close contact with the skin such as across the shoulders
(b) If the fabric is stretched
(c) If the fabric is wet
(d) If the fabric due to effects of normal wear.
Note: Graph Appendix is attached

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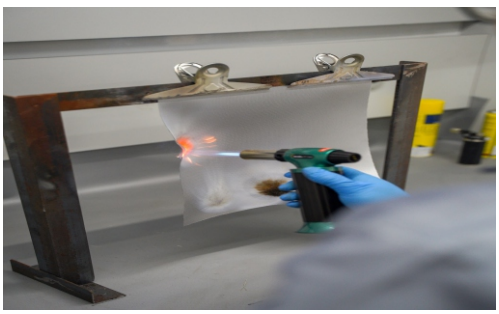
FLEXIBLE DUCT CONNECTOR FABRICS

Suntex regards product quality as the foundation of the company, and keeps innovating.

In production.

In inspection.

Tensile Strength Test.



Fire Resistance Test.

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FLEXIBLE DUCT CONNECTOR FABRICS

FAQ

1. What's the width of Suntex coated fiberglass fabric for flexible duct connector?
- 75mm, 100mm, 125mm.

2. Which coated fabric Suntex can supply?
- Silicone, PU, Neoprene, PTFE and Hypalon.

3. What's the MOQ of fabric?
- 1000 square meters.

4. Can I have samples for quality check?
- Yes, we can offer A4 size sample for quality check.

5. What's your lead time for MOQ?
- Not more than 2 weeks.

6. Are you manufacturer? Where are you located?
- We are manufacturer, have own factory located in Zhengjiang City, JiangSu, China.

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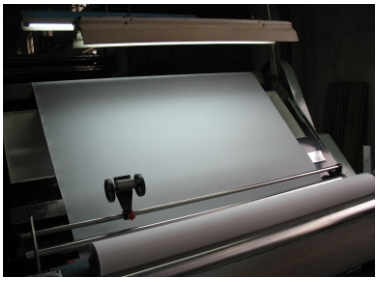
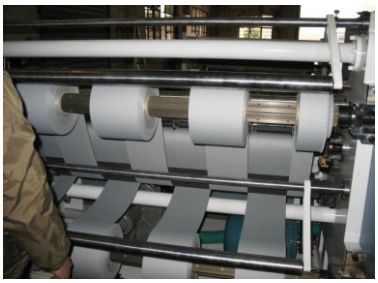
FLEXIBLE DUCT CONNECTOR FABRICS

Suntex attaches great importance to packaging details and does best to reduce damage during transportation.



Rolling.



Cutting.

Packing.

Loading.

High–temp textiles

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Leading manufacturer for high temperature industrial textile.

Progress never ends.

Distributor :

Phone: +66-02-1147145-9 Auto.5Line

Email : info@7-mars.com
www.7-mars.com