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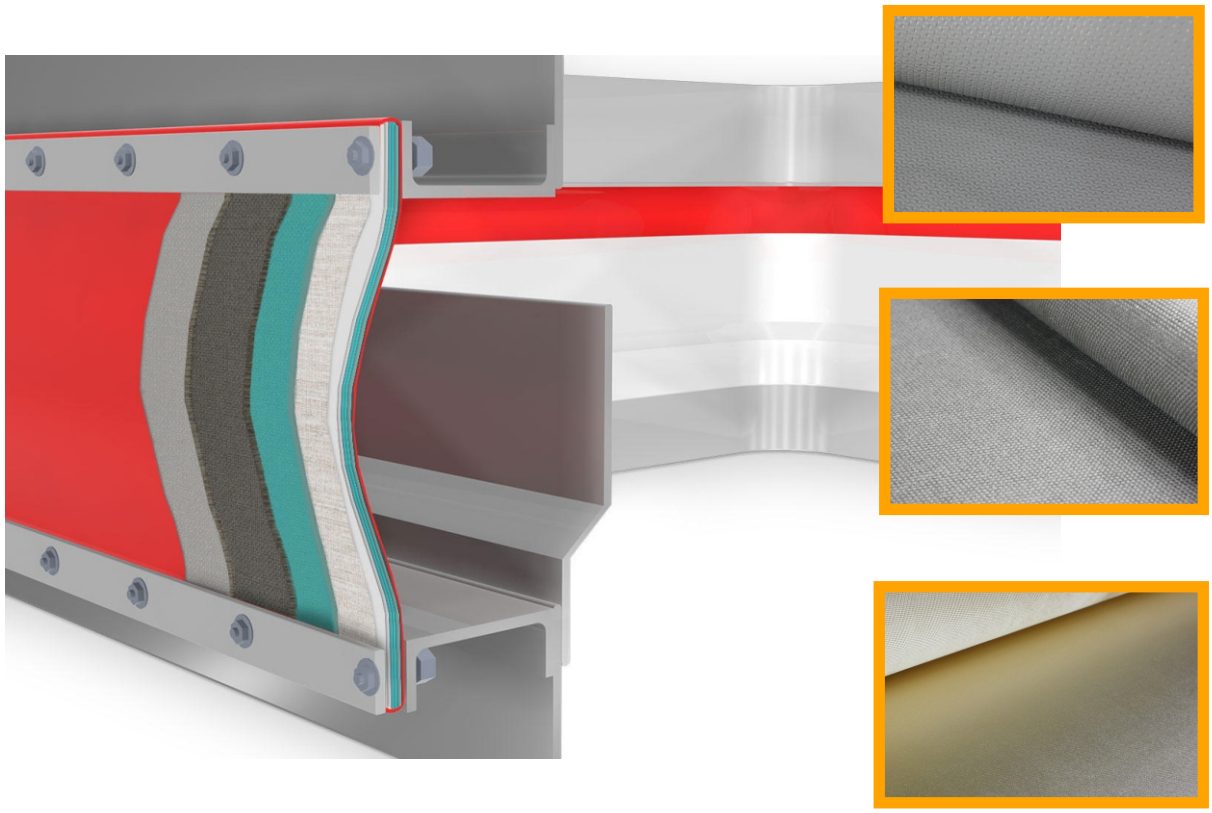
EXPANSION FABRIC JOINT MATERIALS



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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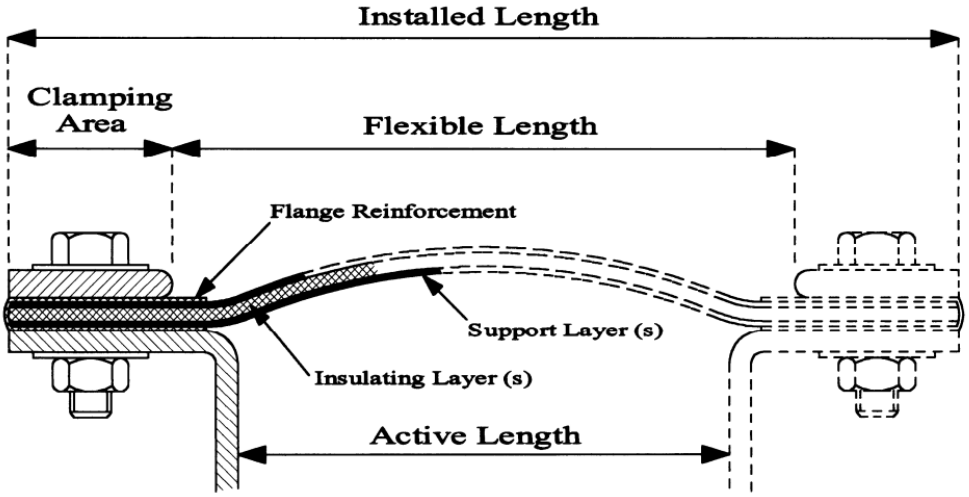

	Suntex Style No.	Continuous operating temperature(°C)
Outer cover materials*		
Neoprene	GF431P-NE245-4005	90
EPDM	GF1650-EPDM-8019	120
Hypalon	GF350P-CSM265-8017	180
Fluoro-elastomer	GF1650-FE205-8020	205
Silicone	GF880P-SI254-1047	250
PTFE	GF430-PE133-8003	300
Chemical barrier materials*		
Fluoro-elastomer	GF1650-FE205-8020	205
PTFE	GF430-PE133-8003	300
Insulation layer materials*		
Glass fabric		500
Glass fabric with PU	TFG1020P-PU233-2049	550
Mineral wool		750
High temperature glass fabric or felt	TGF1200S-CS213-5030	800
Silicate felt		1000
Ceramic felt		1260
Supporting layer materials*		
Glass fabric (with or without wire reinforcement)		450
Wire mesh - stainless steel		850
Silicate fabric	SL1200	1000

*Suntex Composite Industrial Co., Ltd can supply items including but not limited to this sheet. If you want more information, feel free to contact us through info@suntexcomposite.com.

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EXPANSION FABRIC JOINT MATERIALS

GF431P-NE245-4005

Description

GF431P-NE245-4005 is a medium weight fiberglass fabric coated with a high quality, fire retardant neoprene rubber. This product is designed for the manufacture of removable, reusable insulation pads, jacket and mattresses. The material is soft and reliable and easy to sew.
This product is particularly suitable for the manufacture of compensators and expansion covers

Sheet

Basic Fabric	Basic fabric style No. GF431P		
	(Metric)	(English)	Test Methods
Weave	4H Satin	Crowfoot	-
Yarn			
Warp	EC9 68 1*2	ECG 75 1/2	-
Weft	EC9 68 1*2	ECG 75 1/2	
Construction			
Warp	18 +/- 1ends/cm	48 +/- 3 ends/inch	-
Weft	12.6 +/- 1 picks/cm	32 +/- 3 picks/inch	-
Weight	430 +/- 30g/m^2	12.6 +/- 0.9 oz/yd^2	ASTM D 3776-96
Thickness	0.37 +/- 0.06mm	0.015 +/- 0.002 inch	ASTM D 1777-96

Coated Fabric	Coating Style No. NE245-4005		
	(Metric)	(English)	Test Methods
Coating	Neoprene rubber on both sides		
Weight	600 +/- 30 g/m^2	17.5 +/- 0.88 oz/yd^2	ASTM D 3376-96
Thickness	0.47 +/- 0.02 mm	0.019 +/- 0.0008 inch	ASTM D 1777-96
Color	Black		
Fire resistance	Flame Retardant		
Temp resistance	Basic fabric up to 550°C		
	Coating up to 150°C		

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EXPANSION FABRIC JOINT MATERIALS

GF1650-EM205-8019

Description

EPDM is thermostable, anti-corrosive contain the fluorine high polymer elastomer. EPDM compound Glass Fabric, is a new multipurpose compound materials. Its thermostable may reach 160°C. so that it under the hot conditions can tolerate lubricating oil, fuel oil, compressor oil, etc. Simultaneously has the characteristic which certain anti-chemical agent corrodes, also has good aging resistance. so it can apply in the fields of aerospace, chemistry and big electrical equipments, machinery and metallurgy.

Sheet

	Unit	Value
Thickness	mm	1.5+/-0.05
Width	mm	1200+/-10
Weight	g/m^2	2600+/-100
Basic Fabric Weight	g/m^2	1650+/-50
Breaking Strength		
Wrap	N/25mm	≥2610
Weft	N/25mm	≥2470
Bursting Strength	Mpa	≥2.6
Peeling Strength	N/M	≥450
Temp. Resistance (Long time)	°C	150
Temp. Resistance (Short time)	°C	200
EPDM Ratio	%	100

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EXPANSION FABRIC JOINT MATERIALS

GF350P-CSM265-8017

Description

GF350P-CSM265-8017 is a light weight fiberglass fabric coated with a high quality, flame retardant hypalon rubber. It has good chemical resistance and excellent weather proof. This product is designed for the manufacture of removable insulation pads, cover, Expansion joints, the other thermal insulation project.

Sheet

Basic Fabric	Basic fabric style No. GF350P		
	(Metric)	(English)	Test Methods
Weave	Plain	Plain	-
Yarn			
Warp	EC9 68 1*2	EC9 68 1*2	-
Weft	EC9 68 1*3	EC9 68 1*3	
Construction			
Warp	13 +/- 1 ends/cm	33 +/- 3 ends/inch	-
Weft	9 +/- 1 picks/cm	23 +/- 3 picks/inch	-
Weight	350 +/- 30g/m^2	10.3 +/- 0.9 oz/yd^2	ASTM D 3776-96
Thickness	0.3 +/- 0.06mm	0.012 +/- 0.002 inch	ASTM D 1777-96

Coated Fabric	Coating Style No. CSM265-8017		
	(Metric)	(English)	Test Methods
Coating	Hypalon rubber coated on both sides		
Weight	600 +/- 60 g/m^2	17.6 +/- 1.76 oz/yd^2	ASTM D 3376-96
Thickness	0.45 +/- 0.03 mm	0.017 +/- 0.0012 inch	ASTM D 1777-96
Color	Black		
Fire resistance	Flame Retardant		
Temp resistance	Glass fabric up to 550°C, Hypalon coating up to 180°C		

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EXPANSION FABRIC JOINT MATERIALS

GF1650-FE205-8020

Description

Fluorine rubber is a new style high temperature resistant, corrosion resistant macromolecular elastomer. The fiberglass cloth coated with fluorine rubber is a new kind of composite material with wide applications. Fluorine rubber fiberglass cloth has a good temperature resistance up to 300°C. It can resist all kinds of lube, fuel and greases under high temperature condition. It also has good chemical corrosion resistance and weatherability.

Sheet

	Unit	Value
Thickness	mm	1.5+/-0.05
Width	mm	1200+/-10
Weight	g/m²	2600+/-100
Basic Fabric Weight	g/m²	1650+/-50
Breaking Strength		
Wrap	N/25mm	≥2610
Weft	N/25mm	≥2470
Bursting Strength	Mpa	≥2.6
Peeling Strength	N/M	≥450
Temp. Resistance (Long time)	°C	250
Temp. Resistance (Short time)	°C	300
Fluorine Ratio	%	100

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EXPANSION FABRIC JOINT MATERIALS

GF880P-SI254-1047

Description

GF880P-SI254-1047 is a medium weight woven fiberglass fabric with a specially formulated, flame retardant silicone rubber coating which provides greater life and improved resistance to abrasion, flexing, tear and puncture.
GF880P-SI254-1047 is designed for heavy duty removable insulation pads, flange and valve covers, welding curtains, equipment covers and compensators.

Sheet

Basic Fabric	Basic fabric style No. GF880P		
	(Metric)	(English)	Test Methods
Weave	8H Satin	8H Satin	-
Yarn			
Warp	EC9 136 1*2	ECG 37 1/2	-
Weft	EC9 136 1*2	ECG 37 1/2	
Construction			
Warp	18 +/- 1 ends/cm	48 +/- 2 ends/inch	-
Weft	14 +/- 1 picks/cm	33 +/- 2 picks/inch	-
Weight	880 +/- 45g/m^2	26 +/- 1.3 oz/yd^2	ASTM D 3776-96
Thickness	0.76 +/- 0.06mm	0.03 +/- 0.002 inch	ASTM D 1777-96

Coated Fabric	Coating Style No. SI254-1047		
	(Metric)	(English)	Test Methods
Coating	Silicone rubber coated on both sides		
Weight	1120 +/- 50 g/m^2	32.9 +/- 1.4 oz/yd^2	ASTM D 3376-96
Thickness	0.9 +/- 0.05 mm	0.36 +/- 0.002 inch	ASTM D 1777-96
Color	RED		
Fire resistance	Flame Retardant		
Temp resistance	Glass fabric up to 550°C, Hypalon coating up to 260°C		

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EXPANSION FABRIC JOINT MATERIALS

GF430P-PE133-8003

Description

GF430P-PE133-8003 is a medium weight woven fiberglass fabric coated with a specially formulated PTFE solution on one side.
GF430P-PE133-8003 has excellent chemical resistance. And this fabric is soft and easy to sew and clean. It's designed for the manufacturer of removable insulation covers, dust lagging and other types of fire control systems.

Sheet

Basic Fabric	Basic fabric style No. GF430P		
	(Metric)	(English)	Test Methods
Weave	4H Satin	Crowfoot	-
Yarn			
Warp	EC9 136 1*0	ECG 37 1/0	-
Weft	EC9 136 1*0	ECG 37 1/0	
Construction			
Warp	18 +/- 1 ends/cm	48 +/- 3 ends/inch	-
Weft	12.6 +/- 1 picks/cm	32 +/- 3 picks/inch	-
Weight	430 +/- 30g/m^2	12.6 +/- 0.9 oz/yd^2	ASTM D 3776-96
Thickness	0.37 +/- 0.06mm	0.015 +/- 0.002 inch	ASTM D 1777-96

Coated Fabric	Coating Style No. PE133-8003		
	(Metric)	(English)	Test Methods
Coating	PTFE coated on one side		
Weight	580 +/- 20 g/m^2	17 +/- 0.6 oz/yd^2	ASTM D 3376-96
Thickness	0.43 +/- 0.02 mm	0.016 +/- 0.0007 inch	ASTM D 1777-96
Color	Grey		
Fire resistance	Flame Retardant		
Temp resistance	Glass fabric up to 550°C, PTFE coating up to 330°C		

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EXPANSION FABRIC JOINT MATERIALS

TGF1000P-PU223-2049

Description

TGF1000-PU223-2049 is a heavy weight texturized fiberglass fabric with a specially formulated polyurethane aluminum polymer, provide good hand, minimal dust, and ease of application. It's used for welding blanket, flexible expansion joint, removable jackets and other types of fire control systems

Sheet

Basic Fabric	Basic fabric style No. TGF1000P		
	(Metric)	(English)	Test Methods
Weave	Plain	Plain	-
Yarn			
Warp	ET9 860 tex	ETG 5.8	-
Weft	ET9 1290 tex	ETG 3.87	
Construction			
Warp	6 +/- 0.5 ends/cm	15 +/- 1 ends/inch	-
Weft	5 +/- 0.2 ends/cm	12 +/- 1 ends/inch	-
Weight	1020 +/- 30g/m^2	30 +/- 0.9 oz/yd^2	ASTM D 3776-96
Thickness	1.1 +/- 0.08mm	0.043 +/- 0.003 inch	ASTM D 1777-96

Coated Fabric	Coating Style No. PU223-2049		
	(Metric)	(English)	Test Methods
Coating	Polyurethane coated on both sides		
Weight	1100 +/- 50 g/m^2	32.35 +/- 1.47 oz/yd^2	ASTM D 3376-96
Thickness	1.2 +/- 0.08 mm	0.047 +/- 0.003 inch	ASTM D 1777-96
Color	Silver Grey		
Fire resistance	Flame Retardant		
Temp resistance	550°C		

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EXPANSION FABRIC JOINT MATERIALS

TGF1200S-CS213-5030

Description

TGF1200S-CS213-5030 is a stainless steel wire inserted woven texturized fiberglass fabric coated witha formulated inorganic solution which provides high temperature and abrasion resistance properties forthe manufacturer of gaskets, flexible expansion joints, removable jackets and other types of fire control systems.
TGF1200S-CS213-5030 withstands temperature extremes of up to 750 0C, no significant deterioration in flexibility or strength, without smoke/fumes release when catches fire.

Sheet

Basic Fabric	Basic fabric style No. TGF1200S		
	(Metric)	(English)	Test Methods
Weave	Panama	Panama	-
Yarn			
Warp	ET9 1250 tex S.S 316# wire	ETG 4.0 S.S 316# wire	-
Weft	ET9 770 tex S.S 316# wire	ETG 6.5 S.S 316# wire	
Construction			
Warp	6 +/- 0.6 ends/cm	15 +/- 2 ends/inch	-
Weft	5.5 +/- 0.5 picks/cm	14 +/- 2 ends/inch	-
Weight	1200 +/- 50g/m^2	35 +/- 1.47 oz/yd^2	ASTM D 3776-96
Thickness	1.4 +/- 0.07mm	0.055 +/- 0.003 inch	ASTM D 1777-96

Coated Fabric	Coating Style No. CS213-5030		
	(Metric)	(English)	Test Methods
Coating	Formulated inorganic solutions coated on both sides		
Weight	1220 +/- 50 g/m^2	36 +/- 1.47 oz/yd^2	ASTM D 3376-96
Thickness	1.4 +/- 0.07 mm	0.055 +/- 0.003 inch	ASTM D 1777-96
Color	Grey		
Fire resistance	Flame Retardant		
Temp resistance	Glass fabric up to 800°C, coating up to 750°C		

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