

**Materials Price ( Autoclave )**

Type	Product	Curing temp °C	Unit Price (HKD)	Order Qty	Amount HKD
Prepreg	UD CARBON FIBER PREPREG FABRIC 150gsm (High Gain)	130 °C	80 / sqm		
	3K Carbon fiber woven fabric prepreg 200gsm twill (High gGain)	130 °C	200 / sqm		
	Glass fiber UD prepreg 150gsm	130 °C	80 / sqm		
Matrix	3M 2216 Scotch-Weld (Gray)	RT	10 / 100g		
	ML-812 A / B, for RTM (TG 163.2°C)	RT	50 / 100g		
	XPREG® XA120 Prepreg Adhesive Film	120°C	200/sqm		
Consumable	Non-Perforated peel ply WL5200B		80 / sqm		
	Bagging film 7400 ( 204 oC Max.)		25 / 2x sqm		
	Breather B150		10 / sqm		
	Mould release Henkel Loctite Frekote 770-NC	NA	5/ 10g		
	Sealant tape 3 mm x 12mm x 12 m ST180 Yellow (200°C Max.)	NA	95 / roll		
Others	120Ω Strain Gauge, 5mm gauge width (Tokyo Sokki)	NA	65 / pc		
	Strain Gauge Adhesive (Tokyo Sokki, CN Adhesive)	RT	34 / pc		

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2. Please contact a member of staff to check stock availability. 2766-7626

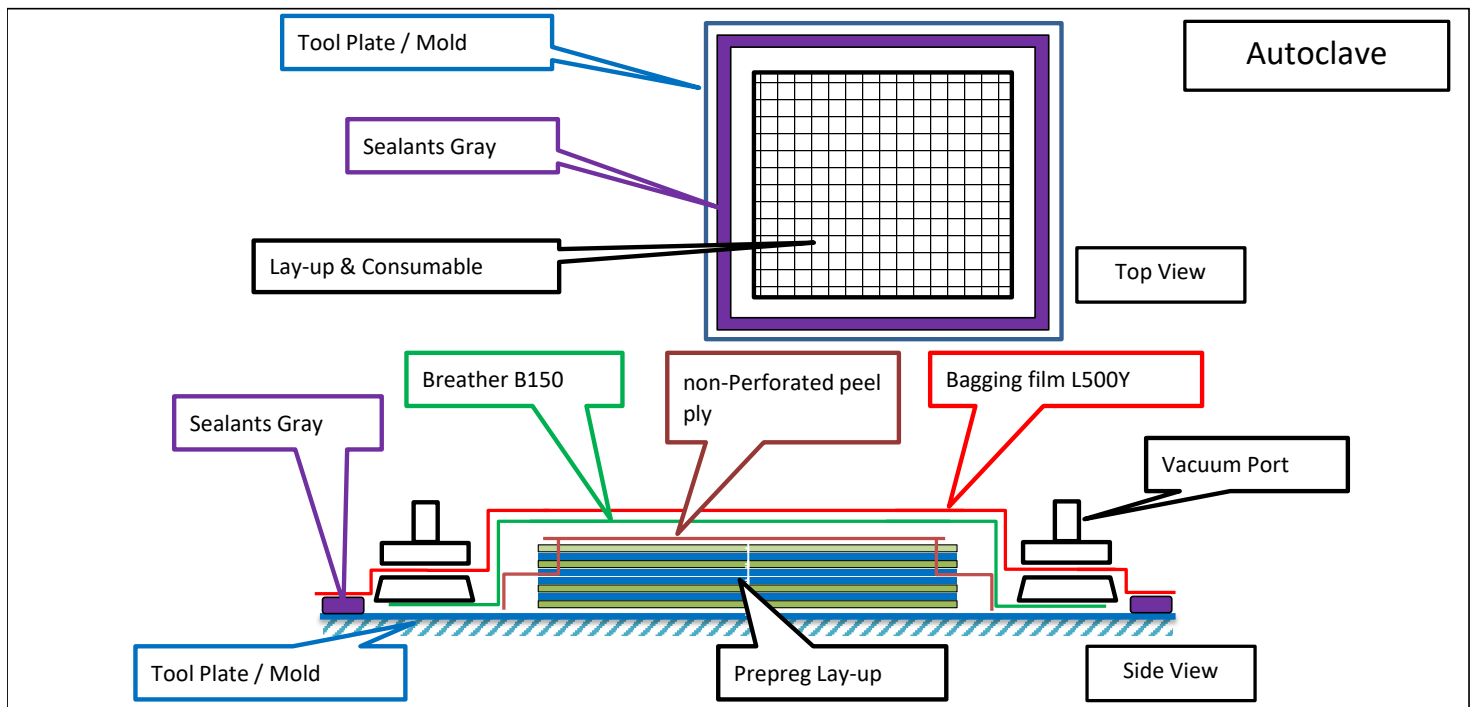
Total Order Amount: HKD

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**Composite materials estimation:**

Fibre = Surface area x 1.2 = A (MOQ: 1 sqm)

Breather & Peel ply = A x 1.2 (MOQ: 1 sqm)

Bagging Film = Tool Plate / Mold x 1.5 (MOQ: 2 sqm)

Sealant (MOQ: 1 roll)

Composite &amp; Fabrication Stream, Industrial Centre, PolyU

rev 1

No.: T21CF2019\_\_\_\_\_

**Materials Price (Dry Fibre)**

Type	Product	Curing temp °C	Unit Price (HKD)	Order Qty	Amount HKD
Fiber	Chopped Strand Fibreglass		20 / sqm		
	E-Glass Plain Weave (BOR's)		50 / sqm		
	Glassfiber Fabric 0/90 deg 800gsm (High Gain)		50 / sqm		
	Carbon fiber 6K PW 400GSM (金蜘蛛)		300 / sqm		
	Carbon fiber 12K PW 640GSM (金蜘蛛)		330 / sqm		
	ARAMID FABRIC, FAW 170, TWILL STYLE (teicomposite)		130 / sqm		
	3K CARBONFIBER, FAW200, PLAIN STYLE (Teicomposite)		130 / sqm		
	3K CARBONFIBER, FAW208, TWILL STYLE (Teicomposite)		130 / sqm		
	Carbon Fabric DMC2831016 +/-45 300GSM (sigmatex)		180 / sqm		
	Carbon Fabric MC9171270 0/90 400GSM (sigmatex)		250 / sqm		
	Carbon fibre T300B 3K PW 199GSM (sigmatex)		160 / sqm		
	Carbon fibre T300B 3K 2/2TW 199GSM (sigmatex)		160 / sqm		
	Carbon fibre T700SC 12K PW 88GSM (sigmatex)		200 / sqm		
Core	Aramid Honeycomb, AC-NH(OX) cell 3/16", 48kg/m <sup>3</sup> , 12mm		700 / sqm		
Matrix & adhesives	3M 2216 Scotch-Weld (Gray)	room	10 / 100g		
	ML-812 A / B, for RTM (TG 163.2°C)	room	50 / 100g		
Consumable	P.E. plastic film		25 / sqm		
	Bagging film L500Y		20 / 2x sqm		
	Perforated peel ply WL3900 R P3		10 / sqm		
	Bleeder Lease woven peel ply (white with red lines)		40 / sqm		
	Breather B150		10 / sqm		
	Flow Media, infusion mesh (Black)		10 / sqm		
	Sealants SM 5190 (China)		30 / roll		
	3M masking tape 1"		10/ roll		
	3M masking tape 2"		15/roll		
	Thermal tape		20/roll		
	Non-Perforated peel ply WL5200B		80 / sqm		
Mould release Henkel Loctite Frekote 770-NC		5/ 10g			
Others	120Ω Strain Gauge, 5mm gauge width (Tokyo Sokki)		65 / pc		
	Strain Gauge Adhesive (Tokyo Sokki, CN Adhesive)		34 / pc		

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## Other Composites-related Material

Type	Product	PO price	Unit Price (HKD)	Order Qty	Amount HKD
Foam	Tooling foam C-50 (Sun-on)		50 / 100mm <sup>3</sup>		
Fiber	Chopped Strand Fibreglass		20 / sqm		
	E-Glass Plain Weave (BOR's)		50 / sqm		
	Glassfiber Fabric 0/90 deg 800gsm (High Gain)	35	50 / sqm		
	Cabon fiber 6K PW 400GSM (金蜘蛛)		300 / sqm		
	Cabon fiber 12K PW 640GSM (金蜘蛛)		330 / sqm		
	ARAMID FABRIC, FAW 170, TWILL STYLE (teicomposite)	96	130 / sqm		
	3K CARBONFIBER, FAW200, PLAIN STYLE (Teicomposite)	96	130 / sqm		
	3K CARBONFIBER, FAW208, TWILL STYLE (Teicomposite)	96	130 / sqm		
	Carbon Fabric DMC2831016 +/-45 300GSM (sigmatex)	120	180 / sqm		
	Carbon Fabric MC9171270 0/90 400GSM (sigmatex)	170	250 / sqm		
	Carbon fibre T300B 3K PW 199GSM (sigmatex)	96	160 / sqm		
	Carbon fibre T300B 3K 2/2TW 199GSM (sigmatex)	98	160 / sqm		
Carbon fibre T700SC 12K PW 88GSM (sigmatex)		200 / sqm			
Prepreg	UD CARBON FIBER PREPREG FABRIC 150gsm (High Gain)		80 / sqm		
	UD CARBON FIBER PREPREG FABRIC 150gsm (Toray,T700SC)		135 / sqm		
	3K Carbon fiber woven fabric prepreg 200gsm twill		200 / sqm		
	Glass fiber woven fabric prepreg 220gsm plain weave		30 / sqm		
Core	Aramid Honeycomb, AC-NH(OX) cell 3/16", 48kg/m <sup>3</sup> , 12mm		700 / sqm		
	Aluminum honeycomb core cell size 6.35mm, height 15mm		760 / sqm		
Matrix	West System 105 / 206	3400/1700	30 / 100g		
	West System 105 / 207	3400/3250	45 / 100g		
	West System 105 / 209	3400/2900	40 / 100g		
	3M 2216 Scotch-Weld (Gray)	780	10 / 100g		
	3M 2216 Scotch-Weld (Translucent)				
	SIX-10	\$185/190ml + \$19 (mixer)	250 / pcs		
Consumable	ML-812 A / B, for RTM (TG 163.2°C)		50 / 100g		
	P.E. plastic film		25 / sqm		
	Comploflex 400		50 / sqm		
	Bagging film L500Y		20 / 2x sqm		
	Perforated peel ply WL3900 R P3		10 / sqm		
	non-Perforated peel ply WL5200B		80 / sqm		
	Bleeder Lease woven peel ply (white with red lines)	24	40 / sqm		
	Breather B150		10 / sqm		
	Flow Media, infusion mesh (white)		10 / sqm		
	Flow Media, infusion mesh (Black)	8	10 / sqm		
	Sealant 1/8"x1/2"x25ft Gray	56	80 / roll		
	Sealants SM 5190 (China)		30 / roll		
	Sealant 1/8"x1/2"x25ft AT200Y Yellow (204°C Max.)				
Others	3M 77 Spray Adhesive		110 / can		
	Diamond Cut-Off wheel, 3"	560	560 / pc		

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