



Lavender Composites
 108 Westgate St Wacol QLD 4076
 Ph : (07) 3255 6924 / Fax : (07) 3255 6923
 email : composites@lavender-ce.com
 web : www.lavender-ce.com

VACUUM CONSUMABLES STOCK LIST

We can also supply material to your exact specifications, so if you find it is not listed please contact us. For an up to date listing of all products and services we supply refer to our web site, www.lavender-ce.com.

VACUUM BAGGING FILM

	Max. Use Temp	Format (see below)	Thickness (mm)	Width (mm)	Product Code	Roll Length
VACFILM 430						
High stretch elastomeric bagging film suitable for debulking and oven curing. Only compatible with epoxy.	120 °C	SHT	0.050	2050	VACFILM430502.05	10, 50, 250m
ELASTOMAX						
High elongation and highly conformable nylon film.	200 °C	LFT	0.050	102	ELASTOMAX24	~150m
VACFILM300R						
Developed for direct contact use with prepreg during fabrication of hollow structures such as masts and bicycle components. Self releases from epoxy and phenolic prepreps.	160 °C	LFT	0.070	150	VACFILM300R36LFT	200m
				200	VACFILM300R38LFT	200m
				250	VACFILM300R310LFT	200m
				400	VACFILM300R316LFT	400m
VACFILM 450V						
Excellent all round tough but flexible film. Supplied as lay flat tube, ideal for envelope bagging, or as V-sheet.	160 °C	LFT	0.050	200	VACFILM450V28LFT	200m
				300	VACFILM450V212LFT	10, 50, 500m
				460	VACFILM450V218LFT	10, 50, 500m
				600	VACFILM450V224LFT	10, 50, 500m
				900	VACFILM450V236LFT	10, 50, 500m
				1200	VACFILM450V248LFT	10, 50, 300m
				1500	VACFILM450V260LFT	10, 50, 300m
				2000	VACFILM450V280LFT	10, 50, 250m
	LFT	0.075	2300	VACFILM450V390LFT	92.1m	
	LTX	0.075	4600	VACFILM450V390LTX	92.1m	
VACFILM 400Y						
Tough high elongation bagging film. Supplied as V-sheet.	150 °C	LTX	0.065	4000	VACFILM400Y2.680LTX	170m
VACFILM 200G						
Tough high elongation bagging film. Supplied as ultra wide sheet.	120 °C	GSC	0.080	6000	VACFILM200G3.2120GSC	75m
				8000	VACFILM200G3.2160GSC	80m
				10000	VACFILM200G3.2200GSC	75m
				12000	VACFILM200G3.2240GSC	75m
VACFILM800G						
Excellent all round nylon film. Supplied as lay flat tube, ideal for envelope bagging, or as V-sheet.	200 °C	LFT	0.050	610	VACFILM800G224LFT	10, 50, 500m
		LFT	0.050	914	VACFILM800G236LFT	10, 50, 500m
		LFT	0.050	1524	VACFILM800G260LFT	10, 50, 300m
		LTX	0.050	3048	VACFILM800G260LTX	300m
		LFT	0.050	2032	VACFILM800G280LFT	10, 50, 183m
		LTX	0.050	4064	VACFILM800G280LTX	183m
CAPRAN518						
High performance co-extruded nylon film. Supplied as lay flat tube and V-sheet.	205 °C	LTX	0.050	3048	CAPRAN518260LTX	~245m

Formats:
 SHT – Sheet
 LFT – Lay Flat Tube (can be slit down one side to provide double width sheet)
 LTX – V-Sheet (lay flat tube that has been pre slit down one edge)
 GT – Gusseted Lay Flat Tube (can be slit down one side to provide double width sheet)
 GSC – Gusseted and Slit Sheet

VACUUM BAGGING FILM (Continued)

	Max. Use Temp	Format (see below)	Thickness (mm)	Width (mm)	Product Code	Roll Length
HS8171						
High performance co-extruded nylon film. Supplied as sheet.	205 °C	SHT	0.050	1828	HS8171272SHT	304.8m
		SHT	0.076	1828	HS8171372SHT	198.1m

Formats: SHT – Sheet
LFT – Lay Flat Tube (can be slit down one side to provide double width sheet)
LTX – V-Sheet (lay flat tube that has been pre slit down one edge)
GT – Gusseted Lay Flat Tube (can be slit down one side to provide double width sheet)
GSC – Gusseted and Slit Sheet

SEALANT TAPE

	Max. Use Temp	Colour	Roll Dimensions	Product Code	Rolls Per Box
LTS90B					
Low cost tape suited to debulking and envelope bagging applications.	150 °C	Black	15mx12mmx3mm	LTS90B	5 22
SM5143					
Industry standard for cure temperatures up to 205°C continuous.	205 °C	Yellow	7.62mx12mmx3mm	SM5143	5 40

RELEASE FILM

	Max. Use Temp	Perforations	Thickness	Roll Width	Product Code	Roll Length
B2000						
Low cost release film for debulking and low temp. cures.	100 °C	P9	0.025mm	1000mm	B2000P9	10, 50, 300m
		P3	0.015mm	1000mm	B2000P3	10, 50, 300m
A2200						
Inexpensive flexible release film suitable for infusion processing.	120 °C	P31	0.025mm	1300mm	A2200P31251.3	10, 50, 400m
A2000						
Inexpensive release film suitable for flat and simple curvature components.	155 °C	P3	0.050mm	1460mm	A2000RP3501.46	10, 50, 450m
A2500						
Inexpensive high temp. release film suitable for flat and simple curvature components.	200 °C	NP	0.030mm	1370mm	A2500RNP301372	10, 50, 400m
		P3	0.030mm	1370mm	A2500RP3301372	10, 50, 400m
A6000						
High elongation release film ideal for use in vacuum/autoclave processing.	230 °C	NP	0.012mm	1300mm	A6000BNP1213	10, 50, 150m
		P3	0.012mm	1300mm	A6000BP31213	10, 50, 150m
A6200						
High performance ETFE fluoropolymer release film. Exhibits excellent release characteristics and high elongation.	232 °C	NP	0.025mm	1520mm	A6200BNP251.52	10, 50, 182m
		P3	0.025mm	1520mm	A6200BP3251.52	10, 50, 182m
A5000						
High performance FEP release film with high elongation and temperature capabilities.	260 °C	NP	0.025mm	1270mm	A5000VNP251.27	10, 50, 152.4m
		P3	0.025mm	1220mm	A5000WP3251.22	10, 50, 183m

BLEEDER / BREATHER FABRIC

	Weight (nominal)	Max. Use Temp	Roll Width	Product Code	Roll Length
AIRBLEED 120					
Light weight polyester breather/bleeder for low pressure cures. Good drapeability.	120gsm	205 °C	1520mm	AIRBLEED120	10m 100m
AIRBLEED 200					
Medium weight polyester breather/bleeder for low pressure cures. Good drapeability.	200gsm	205 °C	1520mm	AIRBLEED200	10m 50m
AIRBLEED 10					
Heavy weight polyester breather/bleeder for high pressure cures.	330gsm	205 °C	1520mm	AIRBLEED10	10m 50m

INFUSION MESH / REUSABLE BREATHER

	Max. Use Temp	Roll Width	Product Code	Roll Length
INFUPLY2 Combined perforated release film and knitted infusion mesh.	100 °C	1450mm	INFUPLY2	10, 100m
VI2 Green HDPE infusion mesh. Diamond mesh pattern.	80 °C	1200mm	VI2	10, 50m
VI10 Translucent knitted infusion mesh. Good drapeability.	80 °C	2000mm	VI10	10, 62.5m

RELEASE FABRIC

	Max. Use Temp	Roll Width	Colour	Product Code	Roll Length
A100 Porous nylon 6-6 peel ply. Coarse weave pattern, 80gsm fabric weight.	204 °C	100mm 200mm 1520mm	White with Red Tracer	A100PS/100 A100PS/200 A100PS	100m 100m 10, 100m
		1520mm		White with Black Tracer	A100S
		1520mm	Fluorescent Green	A100FG	10, 100m
B100 Porous nylon 6-6 peel ply. Fine weave pattern, 60gsm fabric weight.		204 °C	1520mm	White	B100
C100B Porous polyester peel ply. Fine weave pattern, 60gsm fabric weight.	120 °C	1200mm	Light Blue	C100B	50m
FF03A Non porous, PTFE coated glass release fabric. Ideal as multiple use release liner.	320 °C	1000mm	Tan	FF03A	Cut to Length
200TFNP Non porous TFE coated glass release fabric. Coarser finish than FF03A.	288 °C	965mm 1524mm	Tan	200TFNP 200TFNP/60	10, 91.4m
200TFP Porous TFE coated glass release fabric. Will allow excess resin, volatiles, and trapped air to bleed through	288 °C	965mm	Tan	200TFP	10, 91.4m

FLASH / RELEASE TAPE

	Max. Use Temp	Roll Width	Product Code	Roll Length
FLASHTAPE 1 General purpose, medium weight blue polyester tape.	200 °C	25mm 50mm	FTAPE1/25 FTAPE1/50	66m
FLASHTAPE 5 General purpose, heavy weight blue polyester tape.	200 °C	25mm 50mm	FTAPE5/25 FTAPE5/50	66m
FLASHTAPE 1R General purpose, medium weight green polyester tape with rubber adhesive.	200 °C	25mm	FTAPE1R/25	66m
LE TAPE General purpose, high modulus PTFE tape.	230 °C	25mm	LETAPE/25	33m
TOOLCOAT 805S TFE coated glass release tape.	288 °C	25mm	TOOLCOAT805S/25	16.5m
RAPHOLD 1 Double backed polyester tape used for holding down infusion spiral or resin dams or as an inter bag seal.	205 °C	25mm	RAPHOLD1	33m
RAPHOLD 10 High tack double backed hold down tape suitable for honeycomb core or foam hold down in machining.	N/A	50mm	RAPHOLD10	23m

SELF ADHESIVE TOOL RELEASE

	Max. Use Temp	Roll Width	Product Code	Roll Length
FF05AP Self adhesive PTFE coated glass fabric. Gives a durable non-contaminating release surface.	180 °C	1000mm	FF05AP	Cut to Length, 30m

SHRINK TAPE

	Max. Use Temp	Roll Width	Product Code	Roll Length
SHRINK TITE TAPE Release coated high shrink polyester tape. Thickness – 0.05mm.	200 °C	32mm 64mm	ST2/32RC ST2/64RC	91.4m

VACUUM FITTINGS

	Max. Use Temp		Thread Size	Product Code
VACUUM BREACH UNIT 2 piece units with bayonet or threaded attachment. 50mm base diameter	250 °C	Connection Style		
		Bayonet	1/4" NPT	HCS1418
		Threaded (with cutting edge)	1/4" BSP	VBU25TP2
NON RETURN SOCKET / PLUG UNITS Feature viton high temp. seals and spring operated valves for positive shut off.	250 °C	Body Material		
		Brass	1/4" BSP	SOC25BSPB PLUG25BSPB
		Steel	1/4" NPT	QD25NPTF QD25NPTM
SILICON RUBBER VACUUM HOSE Internal spring reinforced hose for use in both oven and autoclave conditions. Brass threaded ends.	200 °C/ 170psi	Colour	Dimensions	
		Blue	Ø7.9mm ID Ø18mm OD	1/4" BSP 1/4" NPT
VACUUM GAUGE Fluid filled vacuum gauge. Indicates 0-30" Mercury.			1/4" BSP	VACGAUGE
VACUUM VENTURI Uses compressed air to create a vacuum. Supplied with muffler.			1/4" BSP	SEG10HS

VACUUM PUMPS / MANIFOLDS / RESIN TRAPS

A full range of oil filled rotary vane vacuum pumps from 3 to 100m³/hr are available. In addition we supply vacuum manifolds and resin traps. Contact a member of our sales team for more information.

VACUUM INFUSION TACK SPRAY

	Aerosol Size	Colour	Product Code	Cans per Case
AEROFIX3 A repositionable, high strength adhesive spray compatible with polyester, vinyl ester and epoxy resins. Does not compromise or inhibit the correct polymerization of resins.	500mL	Blue	AEROFIX3	12

VACUUM INFUSION LINES/FITTINGS

	Size	Colour	Product Code	Roll Length
VACUUM/RESIN HOSE				
Polyethylene tubing for use as resin feeder or vacuum lines.	15.9mm OD	Clear w/ stripe	INF-TUBE/15.9	50m
INFUSION SPIRAL TUBE				
Polyethylene spiral tubing to facilitate the flow of resin throughout the part.	15.9mm OD	Clear w/ stripe	INF-SPIRAL/15.9	50m
	12mm OD	Black	INF-SPIRAL/12	50m
	9mm OD	Black	INF-SPIRAL/9	150m
	Size	Material	Product Code	Minimum Order Quantity
INFUSION HOSE FITTINGS				
Polyethylene fittings to suit 15.9mm OD hose/spiral tube.		Polyethylene	INF-ELBOW/12.7	25
			INF-TEE/12.7	25
			INF-TAP/12.7	20
VACUUM BAG PORT				
1 piece unit applied to outside of bag with non threaded hole to suit 13mm NB resin/vacuum line.	60mm OD 15mm ID	Polyethylene	INF-VBP60	1
VACUUM GAUGE PORT				
1 piece unit applied to outside of bag with threaded hole to mount vacuum gauge or threaded fittings.	60mm OD ½" BSP	Polyethylene	INF-VGP60	1
SYRINGE / NEEDLE				
Used to supply resin to starved areas during the infusion process. Heavy gauge needle provides high resin flow rate.	Ø20mm		INF-SY20	5
	16G		INF-SYNEEDLE16	10
SYRINGE PORT				
Connects 20mm syringe to 13mm NB resin line.		Polyethylene	INF-SYPORT	1

Note:

The user will determine the suitability for use of these products. The recommendations / data given above are based on information we believe to be accurate. They are intended to be used only as a guide for selection for end-use evaluation and do not constitute a product specification. Lavender CE cannot assume responsibility for results obtained by use of these products as we have no control over end-use applications or handling. Lavender CE therefore specifically disclaims any damage or loss of any kind in relation to the use of these products.